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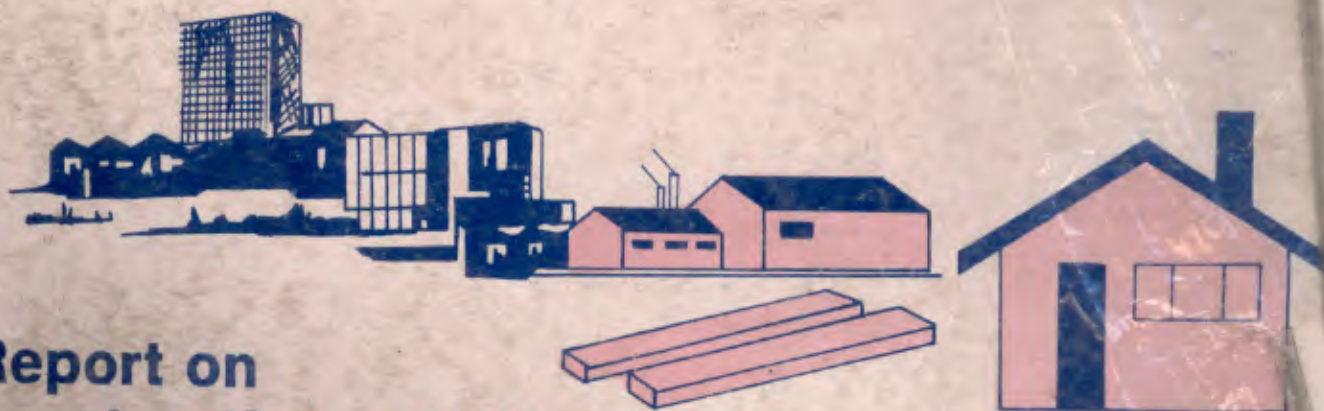
# सर्वेक्षण

# SARVEKSHANA

50th Issue

Vol. XV, No. 3

January-March 1992



Report on  
construction activity  
and housing conditions  
NSS 35th round (1980-81)  
NSS 44th round (1988-89)



National Sample Survey Organisation  
Department of Statistics  
Ministry of Planning  
Government of India

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**JOURNAL OF  
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## FOREWORD

Shelter or housing is a basic need of the people. Construction of both residential and non-residential structures is an important component of investment and capital formation. As a result, there is widespread interest of good data on housing and construction activity. The National Sample Survey Organisation (NSSO) has, therefore, attempted to collect data on both the themes in several of its annual surveys (rounds). Some of the surveys have focussed specifically on these themes; during certain years, these subjects have been covered along with efforts to ascertain the level of living of the people. Among the important users of these statistics are the National Building Organisation (NBO) and the Central Statistical Organisation (CSO). The NBO is particularly interested primarily in the housing stock by type of structure, purpose of construction, construction expenditure on new buildings, cost of inputs and source of finance etc. The CSO uses these data to ascertain the contribution of the construction sector to capital formation and national income. However, the social scientists and the public at large are also vitally concerned about the housing conditions of the people and the pace of construction activity, which provides employment to a significant number of workers.

2. I am happy that the key results of the surveys on construction activity and housing conditions, undertaken during NSS 35th round (July 1980—June 1981) and NSS 44th round (July 1988—June 1989) are released in the present 50th issue of Sarvekshana. I hope that these results will be useful to the planners and policy makers as well as interested researchers.

3. I also take this opportunity to place on record my deep appreciation of the efforts of the members of the Governing Council, expert members of the relevant Working Groups and officers and staff of all Divisions of NSSO and the Computer Centre. Particular mention must be made of the commendable work by K. Sankaranarayanan and Partha Chattopadhyay under the able guidance of Dr. S. N. Ray; who was the Chief Executive Officer of the NSSO prior to his recent appointment as the Director General of the CSO.

PRAVIN VISARIA  
Chairman, Governing Council  
National Sample Survey Organisation

## PART I

### ARTICLES/NOTES

1. Role of the National Sample Survey Organisation in Collection of Statistics of Housing by K. Sankaranarayanan
2. Sample Design of NSS 44th Round Survey on Building Construction : A Post Survey Appraisal by K. Sankaranarayanan
3. A Note on Exploratory Survey on Construction Scheme-A : NSS 35th Round (July 1980—June 1981)
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5. A Note on Building Construction : NSS 44th Round (July 1988—June 1989)
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## HIGHLIGHTS OF NEXT ISSUE:

- (i) Some aspects of internal migration (all India) : NSS 43rd round (July 1987—June 1988)
- (ii) Morbidity and utilisation of medical services : NSS 42nd round (July 1986—June 1987)
- (iii) Bibliography of National Sample Survey Results

# ROLE OF THE NATIONAL SAMPLE SURVEY ORGANISATION IN COLLECTION OF STATISTICS ON HOUSING

By  
K. SANKARANARAYANAN\*

## 1. INTRODUCTION

1.1 Statistics relating to housing comprise of (a) data on the characteristics of residential housing and related amenities currently enjoyed by the population and (b) those relating to construction of buildings intended for habitation, i.e. residential purposes during a given reference period, usually an year. While the former is in the nature of a "stock" (often referred to as "housing stock") the latter is a "flow" variable. Statistical data on housing condition (which is covered under (a) in qualitative and quantitative terms are needed for an assessment of the existing stock of housing and hence estimating the demand for housing for the purpose of formulating housing policies and programmes. Data on current building activity, besides providing information on the supply side of the housing market, are also needed for measuring the quantum and distribution of capital formation in this sector which forms an important segment of the national accounts statistics.

1.2 In this paper an attempt is made in section 2 to reiew the efforts made till date by the National Sample Survey (NSS) for collection of data on housing condition. A simiar review is made in respect of building construction statistics in Section 3. In the concluding Section 4, an assessment is made of the possible role that NSS can assume in future for developing an adequate data base on housing and building construction. It would be seen that the role of NSS is pivotal in the case of housing condition and, though not pivotal, is probably unsubstitutable in the case of building construction in the household sector.

## 2. NSS SURVEYS ON HOUSING CONDITION

2.1. NSS started collecting data on housing condition from as early as the 7th round (October 1953 to March 1954). Information on this subject was collected as a part of some other main schedule—usually the consumer expenditure schedule—in the 11th (Aug. 1956—January 1957), 12th (March 1957—August 1957) and 15th to 23rd rounds (1959-60 to 1968-69). Also, a special survey on the housing condition

of the Scheduled Tribe households of Manipur and Tripura was carried out in 18th round. Results of these surveys are available in the following NSS reports :—

Round	Report number
7	26
10	50
11	51
12	67
15	146
16	137
17	150
18	170
19	195
18 (Manipur & Tripura S. T. Households)	

[Data collected in rounds 8, 9, 20 21-23 were not tabulated due to paucity of resources and the low priority given to this subject in tabulation].

2.2 A comprehensive survey on housing condition was first carried out in the 28th round of NSS (October 1973—June 1974). Information on housing condition was collected in detail in a separate schedule, Schedule 1.2. The total sample consisted of more than 2 lakh households selected from 8730 sample villages and 4944 urban sample blocks. The results of this survey have been brought out in mimeographed form in a series of reports—NSS Report Nos. 277/1 to 277/6. While the first five give State-wise results, Report No. 277/6 gives those for all India. These reports contain, inter alia, detailed data on : type of structure (pucca, semi-pucca and katcha); type of dwelling (independent house, chawl, bustee etc.); number of living rooms (both as per NBO specification and others); total area; source of drinking water; toilet; lighting; etc. Further, dwelling units have been classified into a number of composite categories combining five selected characteristics (they are : ownership of house/land, type of structure, type

\*The views expressed in the article are those of the author and not necessarily those of NSSO.



of dwelling, floor type and plinth level) and all tables are presented by these categories. The important results of this survey have been published in the NSSO journal Sarvekshana\*.

2.3 In a special survey on the conditions of slum dwellers carried out in 31st round (July 1976—June 1977 data were collected on, besides other items, housing condition also. The results of this survey were published in Sarvekshana, Vol III, No. 4, April 1980.

2.4 The second comprehensive independent survey on housing condition was carried out in NSS 44th round (July 1987—June '88). The results of this survey have been released through the mimeographed NSS Report\*\* No. 376.

2.5 In addition to the above, some information on housing condition have been included in the consumer expenditure schedules canvassed in the recent rounds of NSS. But tabulations are available only for 32nd (1977-78), 38th (1983), 42nd (1986-87) and 43rd (1987-88) rounds.

2.6 Item coverage of different rounds : Although the surveys on housing condition were carried out in many NSS rounds, the items on which data were collected varied from round to round. Statement 2.1 gives a list of the important parameters of housing condition covered in the different rounds of NSS. (Only those rounds whose data have been tabulated are included in this statement.)

STATEMENT (2.1): PARAMETERS OF HOUSING CONDITION COVERED IN DIFFERENT NSS ROUNDS

round	items covered in survey schedule
(1)	(2)
7	plinth type, wall type, roof type, latrine type, source of drinking water, period built since, period repaired since, number of rooms, floor space, cost of construction and improvement of house during last year.
10	all the above items; in addition, rented or not; if rented monthly rent, if not rented cost of construction and improvement last year.
11	all items included in 10th round; in addition, approximate valuation as on date of survey.
12	all items of 11th round; in addition, area of courtyard, distance from source of drinking water, bath, kitchen.
15	all items of 12th round, besides, type of dwelling (chawl/bustee, independent house, flat) number of storeys, condition of structure, sewerage of drainage system, ventilation, passage to dwelling, latrine (use), lighting.
16	same as 15th round.
17	condition of structure, period built since, source of drinking water and distance from it, rented or not, if rented monthly rent, (otherwise) cost of repair and maintenance during previous year.
18	same as 17th round.
19	structure type (pucca, katcha and semi-pucca), age of house, latrine type, drinking water source, number of rooms, floor space, rented or not, (if rented) monthly rent, cost of minor repairs and maintenance last year.
18 (Manipur and Tripura)	same as 18th round with additional information on storage facility in the case of source of drinking water "Municipal tap/tubewell" as follows : with covered reservoir, with uncovered reservoir, no reservoir.
28 (exclusive schedule for housing condition)	number of couples, rented or not, monthly rent, plinth area, dwelling type, type of structure, condition of structure, period built since, period since major repair undertaken, sewage arrangement; number and area of "living" rooms, and other rooms, area of covered and uncovered verandah, kitchen facility, types of wall, roof and floor, ventilation source of drinking water, its distance and use, distance to bathing place, type, distance and use of latrine facility, number of persons using the latrine if community latrine, type of lighting, number of kerosene lamps, electric points and electric fans.

\*Some Results on Housing Condition, 28th round, Sarvekshana, Vol. 1, No. 2, October 1977.

\*\*Some Key results are published in this issue.

(1)	(2)
31 (Survey on economic condition of slum dwellers in urban sector)	use of dwelling, owned/rented/leased, monthly rent (if rented), structure type, plinth level and area, predominant material for wall, roof and floor, number and area of rooms (as per specification and others), kitchen facility, ventilation, condition of structure, sharing by others, source of drinking water, facility of drinking water within the slum area, bathing facility, latrine facility, lighting.
38 . . . . .	type of latrine, if flush system, number of such latrines, primary source of drinking water, energy for cooking and lighting
43 . . . . .	ownership of land, ownership of dwelling, covered area, plinth level, dwelling type, structure type, floor type, monthly rent (actual or imputed), condition of house, primary source of energy for (a) cooking and (b) lighting.
44 (independent schedule) . . . . .	number of family nuclei; <b>building and environment particulars</b> : Plinth area and level, ownership of plot, use of building, type of structure, whether in slum/bustec, flood risk, condition of structure, drainage, garbage collection, number of households in building, approach road, animal shed, distance from public park/play ground, compound wall; <b>particulars of dwelling</b> : Ownership, rent, dwelling type, number of exits, number and area of living and other rooms, number of rooms without windows, area of covered and uncovered verandah, area of courtyard, kitchen facility, kitchen platform, store, wall type, roof type, floor type;
44 . . . . .	<b>amenities</b> : drinking water : source, storage tank, use of facility and distance from source; bathroom type, latrine type, use of facility and distance; type of lighting, type of cooking fuel, whether electrified, (if yes) : type of wiring, meter, number of points, number of ceiling and other fans, number of air conditioners air coolers and geysers.

2.7 It may be noticed that the items covered in the different rounds varied considerably. The most comprehensive coverage has been in the most recent survey carried out in NSS 44th round (1988-89) with a separate schedule, in which information was collected on many items related to environment (flood proneness, proximity to animal shed, approach to house, boundary wall etc.).

### 3. NSS ENQUIRIES ON BUILDING CONSTRUCTION

3.1 As far as building construction activity is concerned, the information needs of the users (NBO and CSO are the main official users of building construction statistics) include the following :—

- (i) number of new buildings completed during a given reference period; usually one year, and addition to floor space.
- (ii) expenditure on new building constructions as well as on additions, alterations and improvements to existing structures.
- (iii) consumption (quantity and value) of building materials, building labour and services.
- (iv) amount and source of the finance utilised for building construction,

These are generally required to be classified by : type of structure (pucca/semi-pucca/katcha); nature of construction (new building/addition, alteration and improvement); purpose of construction (residential/non-residential); etc.

3.2 The major attempts made by NSS in this area have been confined to building construction in the non-government, non-corporate sector, that is to say, mainly the construction activity of individuals including proprietary/partnership firms, and organisations such as housing co-operatives, clubs, religious bodies etc.

3.3 NSS building construction surveys fall into three types : (a) simple counts of new pucca/semi-pucca buildings completed during one year preceding the date of survey; (b) data on expenditure on purchase and construction of new buildings and additions, alterations and improvements collected in enquiries on capital formation; and (c) comprehensive surveys on investment and financing of building construction.

3.4 Surveys under (a) above were taken in NSS rounds 22-24 (July 1967—June 1970), 27 (October 1972—September 1973) and 28 (October 1973—June 1974). The coverage was restricted to pucca

residential houses in 22nd to 24th rounds. The 27th and 28th rounds covered all completed new buildings (irrespective of use) as well as houses on which some additions etc had been made. In 27th round, new buildings under construction were also covered. Results of 22nd round were published in NSS Report No. 171; those of 23rd round, in NSS Report Nos. 211 (rural) and 212 (urban).

3.5 Data on current building activity were collected as part of capital formation in NSS 15th round (rural sector) (results published in NSS Report No. 97) and 17th round (urban sector) (results published in NSS Report No. 136). Published results relate to, among other things, item-wise expenditure on building materials (quantity and value), labour employed and services utilised, addition to floor space, etc. which are given by type of structure and purpose of construction. They also include data on source of finance. The All India Debt and Investment Surveys (AIDIS) carried out in 26th (July 1971—September 1972) and 37th (January—December 1982) rounds have also collected data on expenditure on building construction, though not in great detail.

3.6 Under the last category (c) fall the following enquiries carried out by NSS :—

- (i) A comprehensive survey on investment and financing of building construction in urban areas was carried out in the urban sector in 1971-72, outside the framework of NSS 'rounds'. This was repeated in 1973-74.
- (ii) The counterpart of this survey in the rural sector was, however, included in the programme of NSS 27th round (1972-73).
- (iii) Exploratory survey on Construction was carried out in NSS 35th round (1980-81). This included also a methodological study on the possibility of utilising municipal sanction lists as a sampling frame in urban areas.
- (iv) The enquiry on building construction carried out in NSS 44th round (1988-89).

The results of (i) and (ii) have been brought out by NBO in mimeographed form. Those of (iii) were published in NSS Report No. 359\* (the report on the methodological study has been published in NSS Report No. 335)\*. Detailed results on the most recent enquiry of 44th round are available in NSS Report No. 376.\*

\*Key results are published in this Issue.

3.7 Enquiries on building construction have presented many problems relating to both sample design and data collection, especially in the urban sector. The uneven nature of construction activity in the urban areas is one of the design problems that had to be found a suitable solution. As regards data collection, while recalling the expenditure incurred over a period of one year may pose some difficulties, the absence of the proper informant (owner/contractor) at the site or even within sample village/urban block can cause problems in getting reliable data. Despite all these shortcomings and drawbacks, it is felt that the NSS 44th round survey on building construction has been able to throw up reasonably reliable estimates on the various parameters of building construction activity in the household sector.

#### 4. FUTURE ROLE OF NSS

4.1 A household sample survey using interview method seems to be the most appropriate means for collection of detailed data on housing condition. Almost all the information required to be collected would refer to the date of survey with little scope for any recall error. In case the field investigator has any doubt about any answer given by the respondent, it can be verified then and there.

4.2 However, there are some points to be borne in mind while formulating a long term programme for conducting surveys on housing condition.

4.3 The first point to be considered is the periodicity of such surveys. A study of the results of the past NSS enquiries and censuses shows that changes in the parameters of housing condition come about only gradually. Therefore it would appear that NSS surveys on housing condition need to be undertaken only once in a ten-year cycle. (NSSO Governing Council has drawn up a ten-year cycle of topics to be covered in NSS rounds). Preferably these enquiries may be undertaken in the mid-censal years, i.e. years ending in '6'.

4.4 Secondly, it is extremely necessary to standardise the concepts, definitions and terminology to be adopted for these surveys. These standard concepts must be used in all compilations of statistics on housing condition—NSS surveys, decennial population censuses and official sources. It may be recalled that the then Ministry of Works and Housing had set up in 1975 an Advisory Group on Housing Statistics under the Chairmanship of Sri V.R. Rao, then Director CSO to review the current status of collection, tabulation and analysis of housing statistics and to suggest the means for developing a sound statistical base for the housing and building sector. This Group,

which submitted its report in 1977, had proposed a set of standard concepts and definitions to be used in housing surveys and censuses. It may be mentioned that the concepts used in the socio-economic surveys of NSS are more or less in conformity with those proposed by the Group (which cannot be said of 1981 census, however).

4.5 It is also desirable to keep at least a central core of items (such as structure type, dwelling type, source of drinking water, electricity etc.) common between the NSS and census schedules. This will facilitate building up of a time series (at 5-year intervals) for these items.

4.6 Whereas, in the case of housing condition, identification of the data requirement and collection of necessary information through surveys and censuses posed hardly any serious difficulty, the situation regarding building construction presents an entirely different picture. The main users of construction data at national level are NBO and CSO. The former is interested in the following types of information :—

number of new buildings completed during a given reference period (usually one year) by type of structure, purpose of construction etc.; construction expenditure on new buildings as well as additions, alterations and improvements; consumption of building materials; cost of building labour and services; amount and source of finance etc. CSO, on the other hand, seems to be mainly interested in obtaining the contribution of the construction sector to capital formation and other aggregates related to national income. Thus while NBO seems to be more interested in completed building, floor area added, material and labour inputs, finance etc., CSO is interested in expenditure on construction during a reference period of one year.

4.7 The decennial population censuses can be ruled out as a vehicle for obtaining data on construction, except, probably, a few items such as number of buildings completed. There are limitations in the case of sample surveys as well, especially the socio-economic household surveys carried out by NSSO. Data relating to the building construction activity of the large organised sector including Government, public sector enterprises and the private corporate sector cannot be collected through household surveys. In fact they have to flow through official channels. NSS can only attempt to cover the building construction activity of the household sector.

4.8 Serious problems relating to both survey design and data collection procedures have been faced by NSS

in the conduct of construction surveys. In the urban sector the geographical distribution of building activity is not uniform. Hence special stratification procedures had to be adopted for meeting sufficient number of "constructions" in the sample. An attempt was made in 35th round to see whether, in the urban sector, the municipal sanction lists could be used as a list frame for selecting samples. Though this is potentially a very promising technique, the way they are maintained now are not very helpful. No information can be had from the sanction records on the date of commencement or completion of construction in respect of the sanctioned building, and without these it is difficult to construct a frame of the target population. The existence of unauthorised constructions is also a problem. For these reasons this list is not being used in NSS now, except for identifying areas of concentration of building activity within cities and towns.

4.9 Data collection is also beset with problems. In cases where a person has constructed the building under own supervision without the help of a contractor, data can be had directly from him/her. But often contractors are employed and then data will have to be collected at least partly from the contractor. The owner and/or the contractor may or may not live in the selected sample village/block, which makes contacting the correct informant difficult. Besides, there will be problems of recall as well, unlike in the case of housing condition.

4.10 Notwithstanding the above drawbacks, surveys on building construction in the household sector may be successfully undertaken by NSS. Techniques may be progressively improved according to the availability of different types of frames. The survey carried out in NSS 44th round has been able to throw up reasonably reliable results. From published results of this enquiry one can have full data on buildings completed during the reference year as well as expenditure during the reference year on all building construction activity, satisfying the needs of both NBO and CSO to a large extent.

4.11 At the present juncture there appears to be no other viable alternative (to NSS surveys) for collecting data on building construction in the unorganised sector. It may be mentioned that some attempts have been made by NBO, in collaboration with the State Governments, to collect those data on a complete enumeration basis for the urban sector. However, due to the usual reasons this has not really taken off. Even such an attempt has not been made in respect of the rural sector. Considering the resource position of NSSO and the needs of other surveys included in

the ten-year cycle, the periodicity of the construction surveys may be fixed as once in ten years. It may be convenient and useful to have the two enquiries—one on housing condition and the other on building construction—carried out in the same NSS round. However, if more resources could be made available, it may be useful to have the construction surveys once in 5 years. The demand for this must come from the data users, of course.

4.12 To sum up, NSS can play a very important role in respect of developing a data base on housing condition and building construction. While its role is indeed pivotal with regard to housing condition statistics—no other agency can provide such detailed data on the various aspects of housing—its role in collection of data on building construction, though confined mainly to the household sector, is unique and again, one which no other agency can assume, at least in the existing state of affairs.

# THE SAMPLE OF DESIGN NSS 44TH ROUND SURVEY ON BUILDING CONSTRUCTION : A POST-SURVEY APPRAISAL

K. SANKARANARAYANAN

## 1. INTRODUCTION

1.1 National Sample Survey has attempted to collect data on building construction (in the household sector) in some form or other in several rounds in the past. In some rounds data on number of new buildings completed during one year preceding the date of survey were collected through the listing schedule (rounds 22 to 24, 27 and 28). In certain other rounds expenditure on building materials, labour and other services utilised for construction was collected as part of a larger enquiry on capital formation 15th (rural only) and 17th (urban only), (26th and 37th rounds). A comprehensive survey on investment and financing of building construction was carried out in the urban areas, independent of any NSS round, in 1971—74. For all these surveys, household undertaking any construction activity was the ultimate sampling unit.

1.2 In 35th round, NSS carried out two parallel surveys on construction. One, called Scheme-A, was integrated with the main socio-economic survey. In this, instead of a list of those households who were engaged in construction activity (within or outside the sample first stage units) during the reference period of one year preceding the date of survey a list of construction works on which construction expenditure had been incurred during the reference period and situated within the sample f.s.u.s constituted the frame for second stage sampling.

1.3 In addition to this, a parallel study was also undertaken to examine the suitability of lists of municipal sanctions for building construction as a frame for selection of samples in the urban sector. The results of this pilot survey (called Scheme-B) were not very encouraging due to mainly two reasons. First, in the absence of reliable information on completion of construction, it is difficult to build up a frame exactly matching the target population (the target population is comprised of those constructions on which some construction has been carried out during the reference year). Secondly, municipal sanction is either not required or even if required it

is seldom taken for the important category "additions, alterations and improvements". Besides, there may be substantial number of unauthorised constructions as well.

1.4 The experiences described above were taken into account while designing the survey on building construction of 44th round. The aim of this paper is to describe in detail the sample design and estimation procedure of this survey and then to assess how far its implementation has been successful in achieving the main initial design with the objective of capturing in the sample sufficient number of constructions of various categories.

## 2. DESIGN OF NSS 44TH ROUND CONSTRUCTION SURVEY

2.1 The 44th round of NSS comprised of four separate enquiries, viz. (i) living conditions of the tribal population, (ii) building construction in the private non-corporate sector, (iii) housing condition and (iv) consumer expenditure. As usual, the broad design was stratified two-stage selection with villages and urban blocks as the first stage units (f.s.u.) in the rural and urban sectors respectively. The second stage sampling unit was household for (i), (iii) and (iv) while it was "construction work" for (ii).

2.2 The survey covered the whole country with the exception of Ladakh and Kargil districts of Jammu & Kashmir. (The survey was also extended to the rural areas of Nagaland for the first time in this round because of the importance attached to the tribal survey. The survey period for this round was from July 1988 to June 1989 and it was divided into 4 sub-rounds of 3 months each with equal number of samples allotted to each sub-round.

### 2.3 Stratification and allocation of f.s.u.'s in the rural sector

Each State/Union Territory is divided into one or more agro-economic "regions" by grouping contiguous districts which are similar in respect of population density and crop pattern. (In Gujarat, however, some

\*The views expressed in this paper are those of the author and not necessarily those of NSSO

districts have been sub-divided for region formation in consideration of the location of dry areas and the distribution of the tribal population in the state.) The total number of regions in the country was 78. The strata were formed within the regions. The stratification in the rural sector was carried out with a view to making the design efficient for the tribal enquiry. In States/U.T.s where there were little or no tribal population viz. Haryana, Jammu & Kashmir, Punjab, Chandigarh, Delhi, Goa, Daman & Diu and Pondicherry as well as in those having very high proportions of tribal population viz. Meghalaya, Mizoram, Nagaland, Arunachal Pradesh, Sikkim (in the case of Sikkim the proportion is not very high, but it is evenly distributed), Dadra & Nagar Haveli and Lakshadweep the strata used in 43rd round were retained. That is, within each region, each district with 1981 census rural population less than 1.8 million formed a single stratum and districts with larger rural population were divided into two or more strata, depending on population, by grouping contiguous tehsils similar in respect of rural population density and crop pattern. In each of the remaining States and U.T.s, the districts which accounted for the bulk (70% or more) of the total tribal population of the state were selected for forming tribal concentration strata. In these districts the tehsils having relatively high concentration of tribal population and together accounting for 70% or more of the districts's tribal population were grouped together to form the "tribal concentration strata". The remaining tehsils within each of these districts together formed another stratum. In the districts where tribal concentration strata were not formed, the strata of 43rd round (formed as described above) were retained.

2.4 The state-wise allocation of number of sample villages were allocated to the strata in proportion to the rural population. (This is as regards the 'general' sample in which all enquiries were carried out. There was also a special sample in rural sector in which only the tribal enquiry was undertaken).

2.5 *Selection of villages* : The list of 1981 census villages was the frame used for selection of sample villages in most strata. However, in Assam (where 1981 census was not undertaken) and in a few districts where the available list was incomplete, 1971 census frame was used. The sample villages were selected systematically with probability proportional to total population in the form of two independent sub-samples (in rural Nagaland, a somewhat purposive sample was selected from only among the villages situated on or within 5 km. of any bus route).

2.6 *Stratification and allocation of f.s.u.'s in urban sector* :—While stratification in the rural sector was oriented towards the tribal survey, it was oriented towards the construction survey in the urban sector. The urban strata also were formed within "regions". All towns within a region were classified into four population size classes as follows :—I. less than 50,000 II. 50,000 to 199,999; III. 200,000 to 999,999 and IV. 1,000,000 and above. Towns of I and II were divided into two groups : (A) towns with significant tribal population and (B) rest. The blocks (UFS blocks) of towns of classes III and IV above were divided into two types : (i) those falling in areas having relatively high level of building construction activity and (ii) others. This last mentioned categorisation was carried out by the field staff on the basis of ward-wise data on number (x) of municipal sanctions issued for construction of buildings in each of the towns concerned since 1-4-1985 (for most towns the length of this period will be 30-33 months). If x is the mean per ward for a given town, wards having x greater than or equal to 2x were taken to be having 'relatively high level of construction activity'.

The urban strata within each region, then, were formed as follows :—

Stratum number	Population class of town	Tribal population group	Construction level type
(1)	(2)	(3)	(4)
1	I	A	—
2	I	B	—
3	II	A	—
4	II	B	—
5	III	—	(i)
6	III	—	(i)
7	IV	—	(ii)
8	IV	—	(ii)

It is possible that in some regions one or more of the strata may be empty. Even then the stratum numbers were kept as above. The sample blocks allotted to a given state were allocated to the strata in proportion to the urban population, with double weightage to strata numbers 1, 3, 5 and 7.

2.7 The allocations of sample villages were adjusted such that the sample size at stratum level is at least a multiple of two and that at region level is a multiple of 8. In the urban sector, the allocations were made at least a multiple of 4 at stratum level and multiple of 8 at region level. This was done to have equal distribution of samples in the 2 sub-samples x 4 sub-rounds=8 cells at region level.

2.8 *Selection of sample blocks*: The frame for selection of sample blocks was the list of blocks formed in the latest Urban Frame Survey of each town. The sample blocks were selected with equal probability, circular systematically with a random start in the form of two independent sub-samples (independent random starts for each sub-sample).

2.9 *Hamlet-group and sub-block selection*: In case the population of a sample village/block at the time of the visit of the Investigator was 1200 or more, it was divided into a number, D, of hamlet-groups (rural)/sub-blocks (urban) and one of them was selected for survey.

The value of D was determined as follows:—

Approximate population of village/block	D
less than 1200	1
1200 to 1999	2
2000 to 2799	3
2800 to 3600 and so on	4

Sub-stratum No.	Description
1	new buildings (pucca and semi pucca)
2	additions, alterations and improvements (pucca and semi-pucca)
3	all katcha constructions.

(Pucca, semi-pucca and katcha are types of structure determined on the basis of the materials used walls and roof.)

The construction of sub-stratum-1 (new buildings) were arranged by 'completed' and 'under construction'. From sub-stratum 1, 4 samples were selected systematically with probability proportional to size where size was approximate expenditure during last year expressed in Rs. 1000 (approximate expenditure during last year was ascertained during listing along with other essential information such as owner type, structure type, completed or under construction etc.). In each sample village 1 and 2 samples were selected

(In the case of Himachal Pradesh, Sikkim and the districts of Poonch, Rajouri, Udhampur and Doda or Jammu & Kashmir, the corresponding limits were 600, 1199, 1799 and so on). This step is usually adopted in NSS to control the work-load at the time of listing of households.

2.10 *Selection of sample constructions*: The ultimate sampling unit for the building construction survey is a "construction work". It was defined as follows. A construction work could be a 'new building' or 'addition, alternation or improvement' to any existing building. A construction work meant usually a whole building on which some construction expenditure had been incurred during the 365 days preceding the day of listing. However, if different parts of a building were owned by different owners at the time of construction, the part owned by each owner formed a separate construction work. As an exception, if more than one building had been constructed on the same plot of land by a single owner and the expenditures on each could not be separated, then they were considered together as one construction. Constructions by governments (central, state and local bodies), public sector undertakings and private corporate sector were outside the coverage of the survey. So also were constructions on which the expenditure during last year was less than Rs. 250 in the rural sector and Rs. 500 in the urban sector. The constructions listed in the sample villages/block and coming within the survey coverage were divided into three sub-strata as follows:—

from sub-strata 2 and 3 respectively while in each sample block 2 and 1 samples were selected respectively from these two sub-strata. The selection was done with equal probability. In case the number of sample constructions listed in any sub-stratum was equal to or less than the assigned sample size, all of them were surveyed.

2.11 The main items on which information was sought in the construction survey were expenditure



during last year and since start on building materials, labour and services and the amount of finance procured during last year from different sources for the purpose of the sample construction. Now, in the case of a co-operative housing society, the interest, as regards finance, was more in the manner in which the members raised the required funds rather than the sources of finance of the societies which were by definition the owners of the building at the time of construction. Hence in such cases, 2 members were selected at random and data on finance were collected from them.

### 3. ESTIMATION PROCEDURE

#### 3.1 Estimates of totals

*Rural sector* : The aggregate of any characteristic  $y$  for stratum  $s$ , denoted by  $Y_s$ , is given by

$$\hat{Y}_s = \frac{P_s}{n_s} \sum_{i=1}^{n_s} \frac{D_{si}}{e_{si} P_{si}} \sum_{t=1}^3 \hat{Y}_{st}$$

where

$P_s$  = total population of stratum  $s$

$n_s$  = number of sample villages surveyed in stratum  $s$

$D_{si}$  = number of hamlet-groups formed in sample village  $i$

$e_{si}$  = correction factor for survey of revenue village when selected census village is not properly identifiable (This was unity for nearly all villages.)

$P_{si}$  = population of sample village  $i$

$t$  = subscript for sub-stratum.

For  $t=1$ ,

$$\hat{Y}_{s1} = \frac{Z_{s1l}}{h_{s1l}} \sum_{j=1}^{h_{s1l}} \frac{y_{s1lj}}{Z_{s1lj}}$$

when total number of constructions listed is greater than 4.

$$\text{and } \hat{Y}_{s1} = \sum_{j=1}^{h_{s1l}} y_{s1lj}$$

if total number of constructions listed is less than or equal to 4.

where,

$s_{1l}$  = total size of all constructions listed in sub-stratum 1

$Z_{s1lj}$  = size of  $j$ th sample construction

$y_{s1lj}$  = value of  $y$  for the sample construction indicated by the subscripts

and for  $t=2$  and 3,

$$\hat{Y}_{sit} = \frac{H_{sit}}{h_{sit}} \sum_{j=1}^{h_{sit}} y_{sitj}$$

In the case of a construction by a housing cooperative,  $Y_{sitj}$  will be replaced by

$$Y_{sitj}^* = \frac{A_{sitj}}{a_{sitj}} Y_{sitj}$$

where "A" and "a" stand for total number of members of the society and number of sample members (usually from whom data on finance were collected).

*Urban sector* :

The formulas for  $Y_s$  are same as those of the rural sector with  $a_s$  replaced by  $N_s$ , the total number of blocks in stratum  $s$ .

3.2 Estimates of total at region/state/all India level are obtained by summing over those of the constituent strata.

3.3 Estimates of ratios are obtained by first obtaining the estimates of the total of the numerator and the denominator at the desired level and taken by division.

### 4. APPRAISAL OF IMPLEMENTATION OF THE DESIGN

#### 4.1 Response rates at first and second stages

4.1.1 The numbers of sample villages and urban block allotted and surveyed are given in Table (1).

TABLE (1): NUMBER OF SAMPLE VILLAGES AND URBAN BLOCKS ALLOTTED AND SURVEYED: ALL INDIA.

Sector	no. of samples		
	allotted	surveyed	difference (%)
(1)	(2)	(3)	(4)
rural	7656	7580	76 (0.99%)
urban	4836	4819	17 (0.35%)

In the rural sector, out of 76 cases 31 are in Assam, 17 cases in Himachal Pradesh, 12 cases in Tripura and the rest distributed over the states of Jammu and Kashmir, Orissa, Rajasthan, Uttar Pradesh and West Bengal. The remaining states report complete coverage of the allotted sample villages.

4.1.2 In the urban sector, 7 casualty blocks are in Assam, 1 in Bihar, 1 in Orissa, 3 in Tripura and 5 in West Bengal.

4.1.3 The distribution of sample constructions allotted [i.e. selected and surveyed] is given in Table 2.

TABLE (2) : DISTRIBUTION OF SAMPLE CONSTRUCTIONS SELECTED, SUBSTITUTED AND SURVEYED.

State/U.T.	rural						urban					
	sub-stratum 1			sub-stratum 2 & 3			sub-stratum 1			sub-stratum 2 & 3		
	selected	substituted	surveyed	selected	substituted	surveyed	selected	substituted	surveyed	selected	substituted	surveyed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. Andhra Pradesh .	1136	11	1117	1050	12	1046	734	31	690	683	32	679
2. Assam . . . . .	261	—	259	445	—	446	167	—	167	132	1	132
3. Bihar . . . . .	1378	5	1375	1231	1	1230	363	2	359	256	1	255
4. Gujarat . . . . .	304	—	302	183	—	183	161	4	155	207	3	206
5. Haryana . . . . .	449	19	447	249	9	249	141	16	134	135	13	154
6. Himachal Pradesh	431	11	428	145	4	144	111	6	104	63	2	61
7. Jammu & Kashmir	1204	21	1199	702	12	702	367	13	358	383	12	382
8. Karnataka . . . . .	524	5	516	299	7	299	431	13	409	271	8	267
9. Kerala . . . . .	1296	49	1296	601	9	801	478	24	473	322	3	322
10. Madhya Pradesh	752	12	748	318	5	314	361	8	327	249	11	242
11. Maharashtra . . . . .	963	10	946	500	7	498	673	20	628	626	26	617
12. Manipur . . . . .	50	—	5	80	—	80	107	—	107	42	—	42
13. Meghalaya . . . . .	44	—	43	140	—	139	40	—	39	17	—	17
14. Nagaland . . . . .	—	—	—	—	—	—	12	—	12	—	—	—
15. Orissa*												
16. Punjab . . . . .	958	22	953	604	13	604	431	30	406	499	33	495
17. Rajasthan*												
18. Sikkim*												
19. Tamil Nadu . . . . .	1328	39	1324	1170	43	1165	793	27	759	882	43	875
20. Tripura . . . . .	191	—	191	260	141	—	141	—	141	89	—	89
21. Uttar Pradesh*												
22. West Bengal . . . . .	1988	4	985	965	10	964	576	18	542	554	39	546
23. Andaman & Nicobar Islands	193	7	188	152	6	52	—	10	77	52	4	51
24. Arunachal . . . . .	21	—	21	70	—	70	5	—	5	5	—	5
25. Chandigarh . . . . .	30	—	30	9	—	9	15	2	11	12	1	12
26. Dadra & Nagar Haveli	17	—	17	22	—	22	11	1	11	2	—	2
27. Delhi . . . . .	35	2	35	15	1	15	117	4	99	234	11	232
28. Goa . . . . .	34	4	28	26	3	26	12	—	7	19	—	19
29. Lakshadweep . . . . .	59	2	59	18	—	18	47	—	46	25	—	25
30. Mizoram . . . . .	98	—	94	91	—	91	75	—	75	24	—	24
31. Pondicherry . . . . .	89	9	89	61	2	61	65	7	64	45	2	45
32. Daman & Diu . . . . .	9	—	9	5	—	5	3	—	3	—	—	—
33. All India . . . . .	12836	233	12749	9612	145	9593	6521	236	6208	5848	245	5796

\*The data for Orissa, Rajasthan, Sikkim and Uttar Pradesh were not available and hence All-India figures exclude these states.

At all India level the proportion of casualties among the originally selected constructions is approximately 1.7 in the rural sector and about 4% in the urban sector.

4.1.4 The reported reasons for a sample construction becoming a casualty are : informant busy, not at home, non-cooperative, owner stays outside village/town, contractor lives outside village/town and others. The distribution of casualties by these reasons is given in Table (3) :—

TABLE (3) : PERCENTAGE DISTRIBUTION OF CASUALTY CONSTRUCTIONS BY REASONS.

reason	rural	urban
(1)	(2)	(3)
informant busy . . . . .	5.3	4.2
not at home . . . . .	42.0	30.1
not co-operative . . . . .	5.1	11.0
owner stays outside village/town . . . . .	7.9	7.2
other reasons . . . . .	39.7	47.5
all reasons . . . . .	100.0	100.0

TABLE (4) : NUMBER OF SAMPLE BLOCKS SELECTED AND AVERAGE NUMBER OF CONSTRUCTIONS LISTED BY CATEGORY OF STRATUM IN URBAN SECTOR : ALL INDIA.

stratum type	no. of sample blocks selected*	no. of constructions listed			
		sub-stratum-I		all	
		total	average per block	total	average per block
(1)	(2)	(3)	(4)	(5)	(6)
1. with high level of construction activity . . . . .	688	1805	2.6	5306	7.7
2. other strata . . . . .	4148	5177	1.2	8534	2.1
3. all strata . . . . .	4836	6982	1.4	13840	2.9

\*Number of blocks surveyed should have been used here, but number of casualties are not readily available by strata.

4.2.3 It is clear that at all India level the stratification procedure adopted has been able to achieve the desired objective to a certain extent.

4.2.4 However, if one examines the data by state, one will come across large variations in the effectiveness of this measure. Whereas in states like Kerala and Jammu & Kashmir it has been very effective, in some other states such as Gujarat, this technique has

#### 4.2 Effects of stratification

4.2.1 Two important innovations have been made in the design of the construction survey in 44th round with the aim of netting more constructions in the sample. The first was an attempt to form areas with relatively high level of building construction activity in cities with population 200,000 or more into separate strata with sample size proportionately nearly double that of the remaining strata. The second step was to form within each sample f.s.u. three second stage strata, (sub-strata) viz. : (1) pucca and semi-pucca new buildings (2) pucca and semi-pucca additions, alterations and improvements and (3) katcha constructions, and fixing the sample size for each sub-stratum separately. This was done with a view to getting adequate representation in the sample for new buildings so as to ensure the efficiency of estimates of this important category as well as those for all constructions.

We shall examine how far the first step has succeeded in capturing more constructions in the sample.

4.2.2 Table (4) gives average number of constructions listed per sample block for all strata and for strata with high level of construction activity.

been not at all successful in separating out the areas of concentration of construction activity. One is inclined to attribute this to improper implementation of the instructions given for identifying the wards with high level of construction activity. The results for Gujarat, Jammu & Kashmir and Kerala are given below :—

TABLE (5) : NUMBER OF SAMPLE BLOCKS SELECTED AND AVERAGE NUMBER OF CONSTRUCTIONS LISTED BY CATEGORY OF STRATUM IN URBAN SECTOR—GUJARAT, JAMMU &amp; KASHMIR AND KERALA.

stratum type (1)	no. of sample blocks selected (2)	no. of constructions listed			
		sub-stratum I		all	
		total (3)	average per block (4)	total (5)	average per block (6)
<b>Gujarat</b>					
1. with high level construction activity	84	26	0.3	280	3.3
2. other strata	132	128	1.0	81	0.6
3. all strata	216	154	0.7	361	1.7
<b>Jammu &amp; Kashmir</b>					
1. with high level construction activity	40	273	6.8	565	14.2
2. other strata	160	83	0.5	180	1.1
3. all strata	200	356	1.8	745	3.7
<b>Kerala</b>					
1. with high level construction activity	16	126	7.9	320	20.0
2. other strata	128	347	2.7	475	3.7
3. all strata	144	473	3.3	795	5.5

4.2.5 As blocks and wards are not identical it is possible that there may be few or no constructions in some sample blocks selected from a ward identified as having intensity of construction. However, a situation as seen in the case of Gujarat seems to be very unlikely had the identification been properly done.

4.2.6 One problem that often arises in surveys of relatively rare populations is to decide the second stage sample size. As many first stage units may report nil or very small number of units of the target popula-

tion, more samples will have to be selected from those f.s.u.'s which report significant number of them. Thus the second stage sample size per f.s.u. has to be fixed rather high. An idea about the optimum second stage sample size can be had from the distribution of sample f.s.u.'s by number of constructions listed. Such a distribution for all India is given in the following table for rural and urban sectors separately. Only the most important category of construction, viz. pucca and semi-pucca new buildings (sub-stratum-1) has been considered here.

TABLE (6): DISTRIBUTION OF SAMPLE VILLAGES AND BLOCKS BY NUMBER OF CONSTRUCTION LISTED IN SUB-STRATUM 1.

number of construction listed (1)	ALL -INDIA*	
	Number of sample	
	villages (2)	blocks (3)
0	1301	1283
1	846	635
2	704	699
3	643	288
4	666	273
5—9	992	473
10 and above	518	272
all	5670	3723

\*Excluding Orissa, Rajasthan, Sikkim and Uttar Pradesh for which data could not be obtained

4.2.7 In 44th round a maximum of 4 samples were selected per f.s.u. from this sub-stratum. Obviously if more samples are desired, this is to be increased and then the additional samples will have to come from the last two classes.

#### 4.3. Conclusion

4.3.1 We shall conclude this appraisal with a refer-

ence to some items which were of special interest at the time of the planning of this survey.

4.3.2. *Distribution of sample constructions by owner type*: The following table gives the distribution of sample constructions by owner type.

TABLE (7): DISTRIBUTION OF SAMPLE CONSTRUCTIONS BY OWNER TYPE

owner type (1)	no. of sample constructions	
	rural (2)	urban (3)
1. household for own use . . . . .	27886	13284
2. housing co-operative . . . . .	15	20
3. educational institution . . . . .	31	39
4. religious institution . . . . .	196	108
5. club, trust, etc. . . . .	61	57
6. promoter/contractor . . . . .	7	67
7. others . . . . .	228	265
8. total . . . . .	28427	13848

It is clear that any estimate by owner type will be highly unreliable for all types except the first.

4.3.4 *Finance of co-operative housing societies and contractors*: The finding has a special significance for blocks 8 and 9 of the schedule of enquiry in which data on the sources of finance of co-operative housing societies and contractors respectively were sought to be

collected. In block 8 (finances of housing co-operatives) no source has been reported by more than 5 cases in either sector. In the case of block 9 (finances of contractors) the position is slightly better and the item, "receipt from buyers" has been reported in 50 cases in all India-urban. But even then the sample does not seem to be adequate for presenting estimates.

NOTE ON THE EXPLORATORY SURVEY ON CONSTRUCTION :  
SCHEME—A

NSS - 35TH ROUND (JULY 1980—JUNE 1981)

SECTION ONE

*Introduction*

1.1 Data relating to the various aspects of construction activity are needed, among others, by the National Building Organisation and the Central Statistical Organisation. While the former is interested mainly in addition to housing stock, expenditure on building materials and labour and the various sources of finance for building construction, the latter is interested in construction statistics in order to ascertain the contribution of the construction industry to national income and capital formation.

1.2 The total construction activity in the country can be divided into four sectors by the agency undertaking construction as follows: (1) Government (central, state and local bodies); (2) Corporate bodies (public sector undertakings, and public and private joint stock companies); (3) other non-household organisations (co-operative societies, religious and charitable institutions, etc.) and, finally, (4) households (including proprietary and partnership enterprises). The National Sample Survey Organisation has attempted from time to time to collect data on construction activity carried out in the household sector.

1.3 The enquiries carried out by NSS on building construction in the household sector were of varying scope and coverage. In some rounds (22 to 24, 27, 28) simple counts of new buildings completed during one year preceding the date of survey were taken. Information on expenditure on building materials, labour and other services utilised for building construction was collected in enquiries covering capital formation in some other rounds (15, 17, 26, 37). During 1971-74 a comprehensive survey on investment and financing of building construction was carried out in the urban sector outside the framework of the usual NSS socio-economic rounds. An enquiry with the same subject coverage was carried out in NSS 27th round in the rural sector.

1.4 Despite this previous experience in conducting surveys on building construction, some problems of design and methodology still remained. So it was decided to conduct a fresh exploratory survey on

construction in the thirtyfifth round of NSS (July 1980—June 1981). The 35th round survey comprised of two "schemes". Under Scheme A, a full fledged survey on construction was undertaken in the sample villages and urban blocks selected for the main socio-economic enquiry of this round. This was intended to provide estimates relating to the various aspects of construction activity. Unlike in previous enquiries, in this round the construction works were listed at their site and samples of construction works were selected for detailed enquiry from among them after suitable stratification. (Prior to this, households who had engaged in construction activity were listed and samples were selected from among them; that is to say the sampling unit was the household). The other scheme, Scheme B, was meant to study the usefulness of municipal sanction lists as a sampling frame for selection of sample building constructions. This was carried out only in the urban sector in an independent sample of towns. The report on the Scheme B has also been published elsewhere in this journal. The present report gives the results obtained from the Scheme A enquiry.

1.5 The present report (Scheme A) gives the results at all-India level for rural and urban sectors as well as for big cities pooled together. 8 big cities with population 10 lakhs and above as per 1971 census were considered. The cities were Ahmedabad, Bangalore, Bombay, Calcutta, Delhi, Hyderabad, Kanpur and Madras.

*Broad Survey Design*

1.6 The NSS 35th round was comprised of a survey on social consumption and the exploratory survey on construction. The scheme A part of the latter was integrated with the social consumption survey so that both were carried out in the same sample villages and urban blocks. The construction survey in the rural sector was however, carried out only in one-half of the sample villages selected viz. the villages of sub sample I.

1.7 The ultimate sample units for the construction survey were "construction works", which included both buildings and non-building construction works. The

coverage of the survey was confined to all "pucca" and "semi-pucca" building constructions (which comprises both new buildings and additions, alterations and improvements) as well as all non-building works on which some expenditure on construction was incurred during the 365 days preceding the date of listing, excluding those carried out in the public sector and the private corporate sector. [All constructions on which the expenditure (during last year) was less than Rs. 100/- were however excluded.] Sample constructions were selected in two stages as usual in NSS. The villages in the rural sector and the blocks in the urban sector were the first stage sampling units. In each sample f.s.u., all constructions identified at their site falling within the coverage of the survey were listed and then divided into two sub-strata: sub-stratum-1 comprising all building constructions and sub-stratum-2, all non-building constructions. A sample of 4 building works were selected from sub-stratum-1, while sub-stratum-2 was completely enumerated.

1.8 It may be mentioned here that many practical difficulties had been reported by the field staff in getting correct information, especially when, besides the owner, contractors are also involved in executing the work, and also when the owner and/or the contractor was not resident in the sample village/town.

### 1.9 CONCEPTS AND DEFINITIONS :

Some of the important concepts and definition employed in the survey reported upon are given below:—

(i) *Building*.—A building is an independent free standing structure comprising of one or more rooms and/or other spaces covered by a roof and usually enclosed within external walls or dividing walls which extend from the foundation to the roof.

(ii) *New construction (of building)*.—New construction is defined as the erection of an entirely new structure irrespective of whether the site on which it is built is already occupied or not.

(iii) *Addition, alteration and improvement of building*.—This is extension and/or betterment of existing structures intended to increase the usefulness of the structures by making provision for additional floor space and/or amenities or to extend the life of structures. Any type of remodelling or renovation or major repair work will be covered under this. Minor repairs and routine maintenance will not be considered.

(iv) *A building construction* may be either a 'new construction' or 'addition, alteration and improvement'.

(v) *Non-building construction* is any construction work other than building construction. The term inter alia covers : wells, tube wells, roads, irrigation projects,

platforms, laying of cables, sewers, bridges, culverts etc.

(vi) *Type of structure*.—Buildings are classified as "pucca", "semi-pucca" and "katcha" on the basis of the materials used for construction. A pucca structure is one whose walls and roofs are both built with pucca materials. Pucca materials are oven-burnt bricks, stove blocks, cement, concrete, jack-board, tiles, timber, corrugated iron or asbestos sheets (the last, only if used for roof) etc. If both walls and roof are both by non-pucca materials, the house is "katcha". If wall or roof (but not both) are built with pucca materials, it is "semi-pucca".

(vii) *Owner (of a construction work)*.—The sector to which a construction belongs is decided by the owner of the construction. The owner is an individual, agency or collective body on whose account the construction is carried out at the time of construction. For example, in the case of a housing cooperative society constructing a block of flats which will be subsequently handed over to the members, the owner at the time of construction is the society for the purpose of this survey.

(viii) *Commencement of construction*.—Construction is considered as begun when the first physical operation such as site preparation, delivery of materials and equipment at the site, start of excavation or laying of foundation after the planning and designing is completed. In case there is any break in the process of construction, the commencement will refer to the initial commencement.

(ix) *Completion of construction*.—A building construction is regarded as completed if it is considered by the owner to be ready for first occupation.

(x) *Expenditure on construction during last year*.—This is the cost of construction incurred during the reference period of 365 days preceding the date of survey which includes : (i) materials used (ii) wages payable to the labour engaged and (iii) the charges payable for the services utilised. The expenditure will relate only to the items and amounts actually used in the construction work during the reference period. Any item of expenditure on materials etc. not used in the construction is not included in this.

Materials might have been purchased on cash or credit, obtained from home, received as gift, or free collections. Those received as gift were evaluated at current market prices, and those supplied from home at "ex-farm" or "Ex-factory" rates. For free collections only transport charges and other incidental charges were taken into account. (Evaluation of any used material used in the construction was based on the

current market price of such items; however, such expenditure was not included in total expenditure.)

(xi) *Source of finance.*—The sources of the finance arranged for a construction consists of (i) borrowing from employer (ii) borrowing from other sources and (iii) other sources. The last mentioned covers savings, pensions and other retirement benefits, inherited wealth, subsidy and grants, gifts etc. In the case of borrowings, the total amount of loan used or intended to be used for the construction work under survey was taken into account irrespective of whether all of it has been used

or not. In the case of other sources (saving, etc.) only the amount actually used was considered. Finance for purchase of land was not included under this item.

## SECTION TWO

### MAIN FINDINGS

2.1 *Sample Size.*—This report is based on the returns from a total of 13009 sample construction. The distribution of the total sample by category of construction is given in Table 2.1.

TABLE 2.1 : DISTRIBUTION OF SAMPLE CONSTRUCTIONS BY CATEGORY

category	no. of sample constructions		
	rural	urban	big cities
(1)	(2)	(3)	(4)
1. new building . . . . .	3118	2593	168
2. addition, alteration and improvement to building . . . . .	2067	3392	393
3. all building . . . . .	5185	5985	561
4. all non-building . . . . .	1373	466	11
5. total . . . . .	6558	6451	572

2.2 *Number of construction works by category.*— Nearly the same picture is revealed by the estimates of

number of constructions. Table 2.2 gives the percentage distribution of construction works by categories.

TABLE 2.2 : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY CATEGORIES

category of construction	percentage to total number of constructions		
	rural	urban	big cities
(1)	(2)	(3)	(4)
1. new building . . . . .	48.39	44.89	42.82
2. addition, alteration and improvement to building . . . . .	39.32	52.18	56.37
3. all building . . . . .	87.71	97.07	99.19
4. pucca wells, tube-wells and tanks . . . . .	6.13	1.00	0.45
5. kutchha wells, ponds, channels etc. . . . .	2.65	0.29	—
6. other non-building . . . . .	3.51	1.64	0.36
7. all non-building . . . . .	12.29	2.93	0.81
8. all constructions . . . . .	100.00	100.00	100.00

2.3 This is the first time that a survey is carried out on non-building construction activity in NSS. The scope of this was defined to include all manner of construction activity such as roads; bridges, playgrounds, stadia, irrigation schemes, laying of orchards and plantations, installation of industrial plants and so on. However, very few constructions were reported in most of these categories, the exception being pucca wells, tube-

wells, tanks and other minor irrigation facilities in the rural sector. This might be due to most of the construction of items like roads etc. being carried out in the public sector or because some types of construction activity such as setting up of industrial plants, though undertaken in the private non-corporate sector, might be few and far between, so that a general purpose sample might not be able to net significant number of



sample units of these categories, despite the fact that all non-building constructions listed in a village/block were to be selected for survey as per the sampling design.

2.4 The sector-wise distribution of building construction activity is indicated by the following Table 2.3.

TABLE 2.3 : DISTRIBUTION OF BUILDING CONSTRUCTIONS BY SECTOR

sector (1)	Percentage of building constructions		
	new building (2)	addition alteration and improvement (3)	all buildings (4)
1. rural	41.58	33.80	75.38
2. big cities	0.86	1.15	2.01
3. other urban areas	10.52	12.09	22.61
4. all urban areas	11.38	13.24	24.62
5. total	52.96	47.04	100.00

2.5 The table shows that one-fourth of all building constructions are in the urban sector. The survey did not cover the so called katcha constructions; the share of the rural sector can be expected to go up if they are also included. On the other hand, this table, being based on only the counts of construction works, does not take into account the size of the buildings construct-

ed. A look at the distribution of new building constructions by "plinth area" (note that this is defined as the total plinth area of all the floors in a multi storeyed building) will throw some light on this aspect. Table 2.4 presents this distribution for the rural, all urban and cities side by side.

TABLE 2.4 : PERCENTAGE DISTRIBUTION OF NEW BUILDING CONSTRUCTIONS BY PLINTH AREA

plinth area (sq. metre) (1)	rural (2)	all urban (3)	cities (4)
1. less than 20	34.46	30.55	15.51
2. 20—30	13.29	14.54	4.11
3. 30—40	12.42	8.24	6.41
4. 40—50	8.95	7.35	3.14
5. 50—70	8.47	9.55	5.75
6. 70—100	7.69	8.43	8.66
7. 100—150	4.53	7.13	5.45
8. 150—250	4.43	4.09	6.65
9. 250 or more	5.76	10.12	44.32
10. all	100.00	100.00	100.00

2.6 Purpose of construction of buildings.—Building construction works have been classified by purpose of construction. The buildings covered in this survey are

overwhelmingly large for residential purpose. Table 2.5 gives the distribution of building constructions by purpose for rural, urban and cities.

TABLE 2.5 : PERCENTAGE DISTRIBUTION OF BUILDING CONSTRUCTIONS BY PURPOSE

purpose of construction (1)	percentage of construction		
	rural (2)	urban (3)	cities (4)
1. residential	89.03	87.22	87.37
2. industrial	0.52	1.97	3.42
3. commercial	2.77	4.06	1.97
4. agricultural	2.18	0.49	—
5. educational	0.21	0.15	—
6. health	0.06	0.10	—
7. other institutional	0.46	0.43	0.35
8. residential-cum-industrial	0.25	0.26	0.04
9. residential-cum-commercial	0.40	1.08	1.15
10. residential-cum-agricultural	2.65	2.34	5.45
11. other uses	1.47	1.90	0.55
12. all	100.00	100.00	100.00

The small proportion of constructions found to have been put to commercial use and the relatively large proportion to residential-cum-agricultural use in the big cities go against normal expectations. In any case, nearly 90% of all building constructions in

all the three sectors are meant for residential purposes.

2.7 The distribution of building constructions by type of structure is given in Table 2.6 below :—

TABLE 2.6 : DISTRIBUTION OF BUILDING CONSTRUCTIONS BY TYPE OF STRUCTURE

structure type (1)	percentage of building constructions		
	rural (2)	urban (3)	cities (4)
pucca . . . . .	71.05	84.50	83.07
semi-pucca . . . . .	28.95	15.50	16.93
all . . . . .	100.00	100.00	100.00

As may be expected, there are more semi-pucca houses in the rural sector. Even then a large majority of the constructions fall in the category "pucca".

2.8 *Distribution of construction expenditure on buildings.*—Table 2.7 gives the distribution of expenditure on building construction by major heads for rural, urban and cities.

TABLE 2.7 : PERCENTAGE DISTRIBUTION OF EXPENDITURE ON BUILDING CONSTRUCTIONS BY MAJOR HEAD SEPARATELY FOR PUCCA AND SEMI-PUCCA STRUCTURES

head of expenditure (1)	percentage of expenditure		
	rural (2)	urban (3)	cities (4)
stone and bricks . . . . .	7.73	15.10	15.18
cement . . . . .	1.64	5.80	7.55
wood and timber . . . . .	2.47	2.40	3.43
roof tiles . . . . .	1.77	1.55	0.08
other tiles . . . . .	0.10	0.47	0.32
iron and steel . . . . .	3.96	5.41	6.64
doors and windows . . . . .	3.94	4.77	1.92
paint and varnish . . . . .	1.01	1.91	0.86
bolts, nuts, nails etc. . . . .	1.74	6.12	0.15
other materials . . . . .	5.43	11.79	6.45
materials total . . . . .	29.79	53.32	42.58
labour . . . . .	43.42	31.52	25.25
services etc. . . . .	26.79	15.16	32.17
total expenditure . . . . .	100.00	100.00	100.00
total expenditure during the last 365 days for building construction work (Rs.) . . . . .	80274	76816	105332

2.9 *Source of finance.*—The following table gives the distribution of the finance procured for building construction by source.

TABLE 2.8 : PERCENTAGE DISTRIBUTION OF FINANCE UTILISED FOR CONSTRUCTION BY SOURCE FROM WHICH IT IS RAISED

Source (1)	percentage of total finance		
	rural (2)	urban (3)	cities (4)
<b>1. borrowing from employer ;</b>			
1.1 government	0.55	7.57	24.72
1.2 other employers	0.72	3.29	1.13
2.3 total	1.27	10.86	25.85
<b>2. borrowing from other sources;</b>			
2.1 government	0.19	0.61	0.05
2.2 insurance companies (including LIC)	0.03	0.87	0.48
2.3 banks (including cooperative banks)	1.17	2.48	1.48
2.4 provident fund	0.52	4.09	16.26
2.5 friends and relatives	5.59	7.80	17.98
2.6 others	4.41	2.51	1.50
2.7 total	12.45	18.36	37.75
<b>3. other sources;</b>			
3.1 savings	50.36	35.08	29.78
3.2 pension, gratuity and provident fund	1.23	3.35	1.29
3.3 inheritance	1.58	1.76	1.02
3.4 others	33.11	30.59	4.31
3.5 total	86.28	70.78	36.40
4. grand total	100.00	100.00	100.00

2.10 From the above table it can be seen that the role of borrowed finance is minimal in the rural sector. This could be due to the fact that regular salaried employees of either government or well established private sector firms are few in number in the rural sector. Thus the proportion of housing finance met from loan given by government to its employees is 0.55% in the rural sector, 7.57% in the urban sector as a whole and 24.72% in the million-plus cities. This is also reflected in loans from provident fund. In general, the urban households are more inclined to go for loans to construct houses. The role of institutional finance is found to be negligible everywhere.

TABLE 2.9: COMPARATIVE ESTIMATES OF THE PROPORTIONS OF EXPENDITURE ON BUILDING MATERIALS SPENT ON MAJOR ITEM GROUPS IN URBAN SECTOR

item group (1)	percentage of total expenditure	
	urban	
	NSS 35th round (2)	urban survey (1972)—74 (3)
stones and bricks	24.9	29.1
cement	10.9	13.3
timber	4.5	12.9
tiles	3.3	1.5
iron and steel	10.1	11.1
doors and windows	8.9	5.3
paints and varnishes	3.6	1.7
other items	33.8	25.1
total	100.00	100.00

Charts 1, 2 and 3 present the important features reflected in Table 2.8 in the form of pie-charts.

2.11 *Reliability of the results.*—Some comparable results are available from the survey on investment and financing of building constructions in urban areas (1972-74) for the urban sector. We shall compare here only two major items viz. the proportion of expenditure on item groups and the distribution of finance by major source.

2.12 The following table compares the proportional expenditure on major item groups for building construction.

# Source of finance for construction All India (rural)

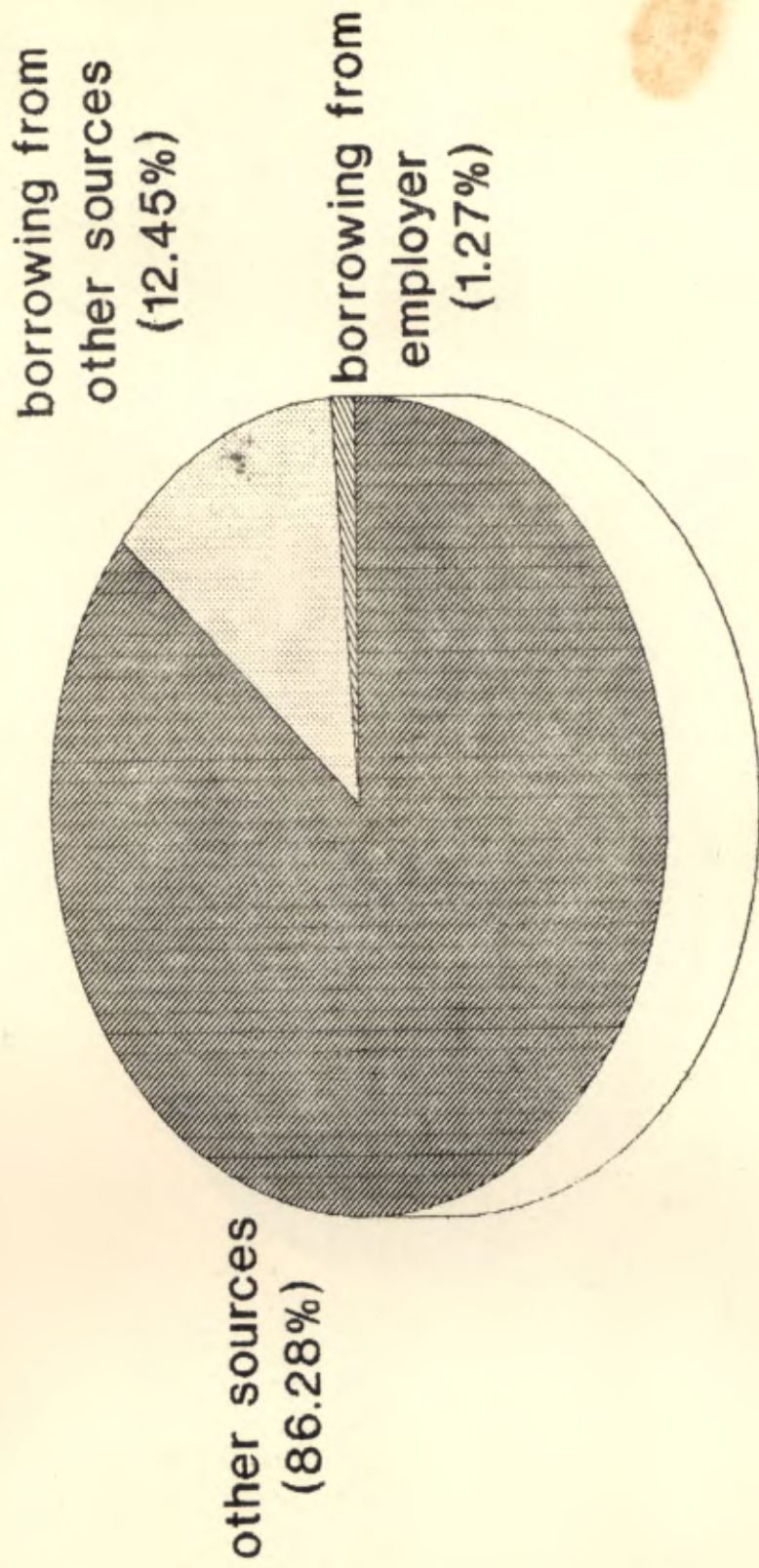


CHART-1

# Source of finance for construction

## All India (urban)

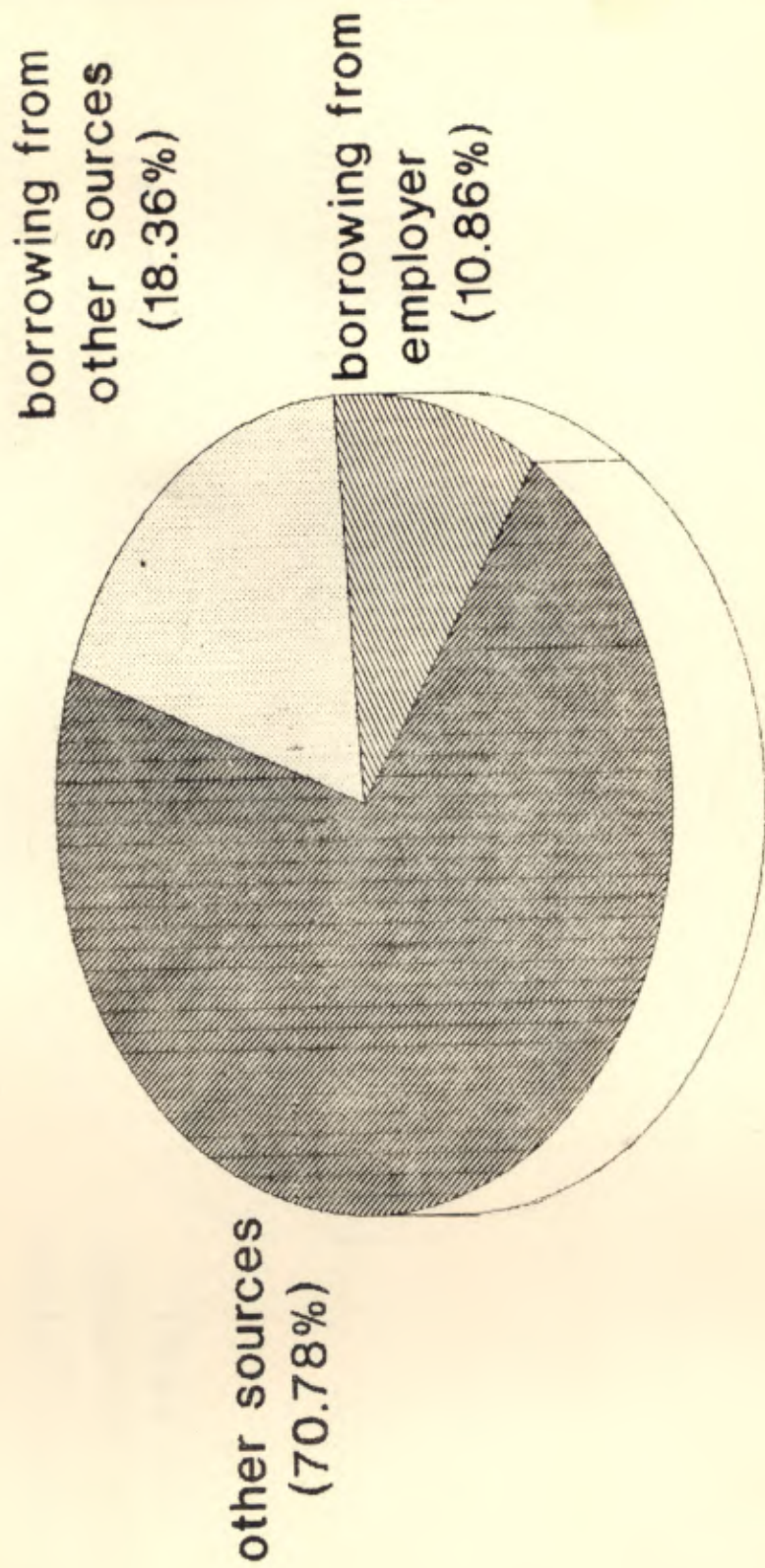


CHART-2

# Source of finance for construction

## All India (big cities)

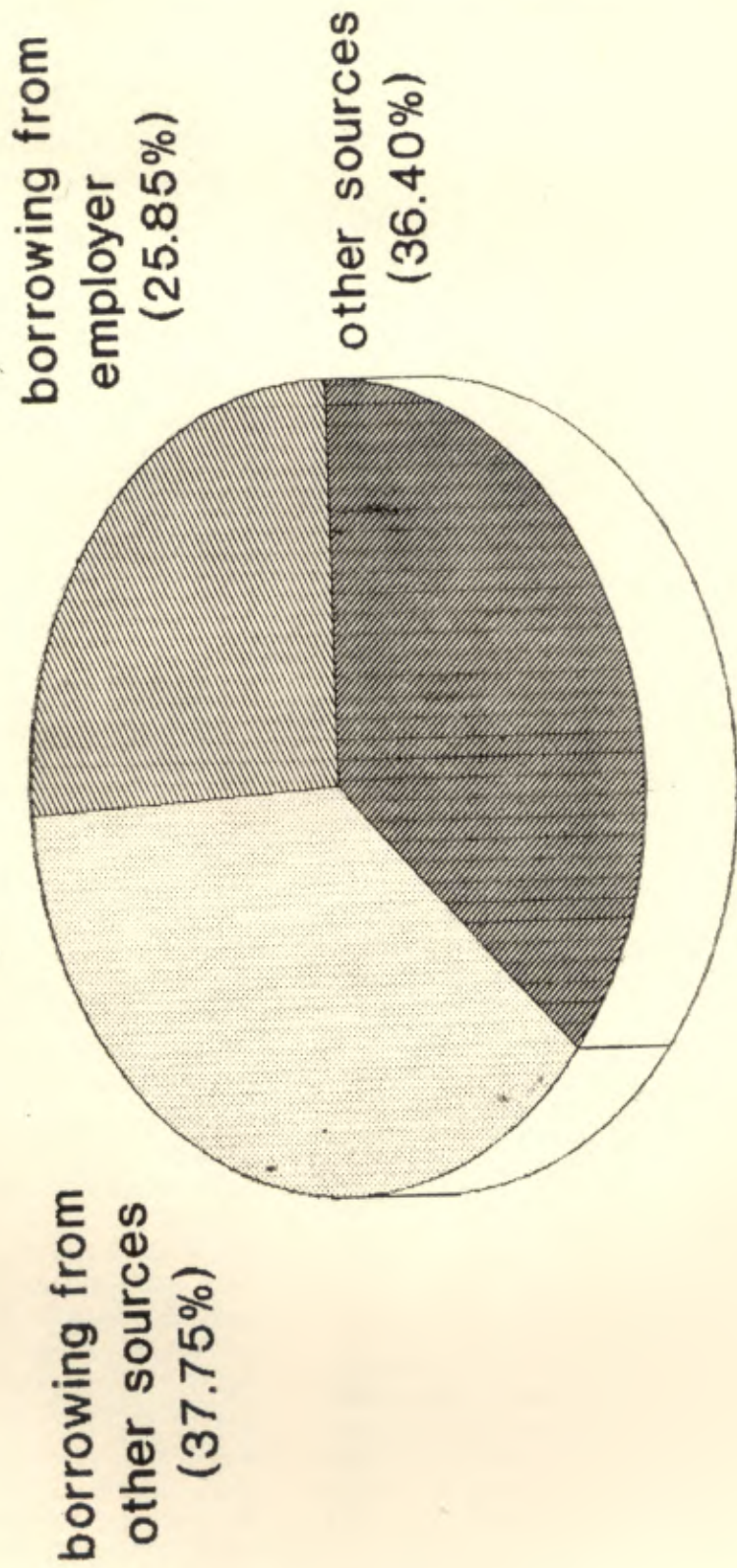


CHART-3

The results seem to be in broad agreement, considering that there is a gap of 8—10 years between the two surveys : A similar survey was carried out in the rural sector in NSS 27th round, but no comparison seems to be possible with NSS 35th round, because the 27th round survey covered katcha buildings also and all results are reported for all types of structures together.

2.13 One would have liked to compare the source-wise distribution of building construction finance in the

urban sector between the two surveys, viz. NSS 35th round and the 1972—74 survey. But the published results of the latter survey give only the distributions within 'borrowings' and within 'savings'. It is not possible to know the relative importance of these two broad heads from the report prepared by NBO. Therefore, the following table (Table 2.10) compares only the percentage distributions of borrowed funds by sources.

TABLE 2.10: PERCENTAGE DISTRIBUTION OF BORROWED FUNDS BY SOURCE FOR NSS 35TH ROUND AND 1972-74 SURVEY

source	percentage of total borrowings	
	NSS 35th round	1972-74 survey
(1)	(2)	(3)
employer	37.2	15.4
government	2.1	10.4
banks	8.5	20.6
provident fund	14.0	4.7
money lender	4.3	14.8
friends and relatives	26.7	18.3
other	7.2	15.8
total	100.00	100.00

There appears to be significant divergence between the two distributions. As the definitions of these sources were more or less the same, this divergence cannot be immediately explained.

#### APPENDIX-I

#### SAMPLE DESIGN AND ESTIMATION PROCEDURE

1.1 The main features of the sample design and estimation procedure adopted in NSS 35th round in respect of the scheme A part of the exploratory survey on construction are given in the following paragraphs.

1.2 *Geographical Coverage.*—The survey covers the whole area of the Indian union excepting : Sikkim; Ladakh district of Jammu and Kashmir; rural areas of Pal and Samri tehsils of district of Surguja and Bijapur, Dantewara, Kanta and Narayanpur tehsils of district Bastar of Madhya Pradesh; Rajura, Sironcha and Gadchirole tehsils of district Chandrapur and Melghat tehsils of district Amravati of Maharashtra, rural areas of Nagaland; Andaman & Nicobar Islands; Lakshadweep; Dadra and Nagar Haveli.

1.3 *Broad design.*—The sample design was stratified with two stage selection within each stratum. The first stage units were 1971 census villages in rural areas and urban blocks in urban areas. The second stage units were construction works.

1.4 *Stratification procedure.*—Each state/Union Territory is divided into a few agro-economic regions, the number of regions in a state/U.T. varying from one to five. These regions are formed by grouping contiguous districts of similar agricultural profile. The total number of regions thus formed all over India (excluding areas not covered by NSS) is 73. Strata for sampling were formed within regions. Each district with less than 1.5 million 1971 census rural population forms a basic stratum by itself except in Gujarat and Arunachal Pradesh where some districts with less than the above population have been divided into two or more basic strata. Districts having more than 1.5 million rural population have been divided into a number of basic strata (depending upon the population of each district) by grouping contiguous tehsils homogeneous as far as possible with respect to crop pattern and density of rural population. Basic strata so formed are the basic strata for both rural and urban sectors. There are a few purely rural and purely urban basic strata as well. Some basic strata having small urban population have been merged together to form the ultimate urban strata with sizeable urban population for purposes of urban sample selection. Generally each urban stratum is a district or a group of districts within the same region. Further each city with a population of one million or more forms a separate urban stratum by itself. The total number of rural strata is 540 and urban strata 352.

1.5 *Allocation of f.s.u.'s to strata.*—Within each state and union Territory the total sample size (rural/urban) was allocated to the strata in proportion to their respective 1971 census (rural/urban) populations. The allocations were adjusted to make them a multiple of 4 at the stratum level and a multiple of 8 at the region level.

1.6 *Sampling of villages.*—The 1971 census list of villages have been used as the sampling frame. In such rural basic stratum the allocated number of villages have been selected with probability proportional to population and with replacement and presented in the form of two independent sub-samples. In the north eastern state of Arunachal Pradesh cluster sampling of villages have been adopted. In the rural strata, nucleus villages have been selected with equal probability and clusters have been formed around them. Individual villages have been selected with equal probability in Mizoram and with probability proportional to population in other states of this region. When the sampled census village is not identifiable, one of the following procedures is adopted according to circumstance (a) all revenue villages contained wholly or partly in the census village are surveyed as one unit; or (b) the revenue village which contains the selected village and possibly other census villages is wholly surveyed.

1.7 *Sampling of blocks.*—The urban frame survey (UFS) blocks of UFS-1977 scheme whenever available and UFS blocks of 1972-77 period for the remaining towns constituted the sampling frame for selection of blocks. In each urban stratum sample blocks have been selected circular systematically in the form of two independent sub-samples.

1.8 *Hamlet-group and sub-block selection.*—In case the present population of a sample village or block in 1200 or more it is divided into two or more equal (in terms of population) sub-divisions (hamlet-groups in the case of villages and sub-blocks in the case of blocks); the number of sub-divisions depending on the population of the village or block at the time of the investigator's visit. One of them is selected at random for survey.

1.9 *Sampling of Constructions.*—The constructions done by the corporate sector and the public sector, katcha buildings and also those involving an expenditure of less than one hundred rupees during last 365 days are excluded from the coverage of the survey. The remaining constructions are divided into two sub-strata; building and non-building. A sample of four building constructions is selected circular systematically

from sub-stratum 1. All non-building constructions in sub-stratum 2 are selected for survey.

1.10 *Sample size.*—The central sample consisted of 8008 villages and 4500 blocks. The scheme A part was carried out only in sub-sample 1 in the rural sector (4004 villages). In the urban sector it was done in all the sample blocks. In each sample village/block, 4 sample building constructions and all non-building constructions listed were selected for detailed enquiry explained in the previous para. Table I-1 gives the distribution of sample villages (subsample-1 only) and sample blocks over the states and Union Territory of India.

#### NSS 35TH ROUND 1980-81

Table (I-1) : State-wise number of sample villages, urban blocks and towns in the Central sample,

srl. no.	State/Union territory	number of sample	
		village	blocks
(1)	(2)	(3)	(4)
1.	Andhra Pradesh . . . . .	312	320
2.	Assam . . . . .	172	120
3.	Bihar . . . . .	376	216
4.	Gujarat . . . . .	136	216
5.	Haryana . . . . .	60	772
6.	Himachal Pradesh . . . . .	80	48
7.	Jammu & Kashmir . . . . .	160	120
8.	Karnataka . . . . .	160	216
9.	Kerala . . . . .	160	144
10.	Madhya Pradesh . . . . .	320	280
11.	Maharashtra . . . . .	280	560
12.	Manipur . . . . .	60	48
13.	Meghalaya . . . . .	60	48
14.	Nagaland . . . . .	—	24
15.	Orissa . . . . .	160	144
16.	Punjab . . . . .	160	144
17.	Rajasthan . . . . .	172	200
18.	Tamil Nadu . . . . .	232	416
19.	Tripura . . . . .	80	48
20.	Uttar Pradesh . . . . .	500	512
21.	West Bengal . . . . .	228	400
22.	Arunachal Pradesh . . . . .	52	24
23.	Chandigarh . . . . .	4	12
24.	Delhi . . . . .	4	96
25.	Goa, Daman & Diu . . . . .	12	24
26.	Mizoram . . . . .	52	24
27.	Pondicherry . . . . .	12	24
28.	All-India . . . . .	4004	4500



I.11.1 *Estimation procedure.*—The total of any characteristic  $y$  is estimated by :

$$\hat{Y} = \sum_{s=1}^L \frac{P_s}{m_s} \sum_{i=1}^{m_s} \frac{f_{si} D_{si}}{P_{si}} \sum_{t=1}^2 \frac{H_{sit}}{h_{sit}} \sum_{j=1}^{h_{sit}} y_{sitj}$$

where

S=Subscript for stratum

L=number of strata

$P_s$ =total rural population in rural sector except Arunachal Pradesh and Mizoram;

$m_s$ =total number of villages in the stratum in rural sector of Arunachal Pradesh and Mizoram.

$m_{si}$ =total number of blocks in the stratum in urban sector

$m_s$ =number of surveyed number of villages/blocks including depopulated and zero cases.

$i$ =subscript for village/block.

$f_{si}$ =rural : adjustment factor for revenue village selection

urban : 1

$P_{si}$ =rural: village population used for sampling (except Arunachal Pradesh and Mizoram)

=1 in urban sector and rural sector of Arunachal Pradesh and Mizoram.

$D_{si}$ =number of hamlet groups/sub-blocks formed  
 $t$ =subscript for sub-stratum (1 or 2)

$H$ =number of constructions listed.

$h$ =number of constructions surveyed

$j$ =subscript for sample construction

$y$ =value of characteristic under study

I.11.2 *Sub-sample wise estimates.*—These were obtained from the sample villages/blocks of each sub-sample. In the rural sector, samples of sub-rounds 1 and 3 constituted s.s.1 and those of sub-rounds 2 and 4, s.s.2.

I.11.3 Estimates of all ratios were obtained by first estimating the aggregates appearing in the numerator and the denominator of each ratio and finally by division.

**NOTE ON THE EXPLORATORY SURVEY ON CONSTRUCTION :  
SCHEME—B**

**NSS - 35TH ROUND (JULY 1980—JUNE 1981)**

**SECTION ONE**

**INTRODUCTION**

1.1 The thirty fifth round of the National Sample Survey (NSS) (July 1980 to June 1981) was devoted to a survey on social consumption and an exploratory survey on construction. The latter consisted of two parts : Scheme - A and Scheme - B. Scheme - A was carried out in the sample villages of sub-sample 1 in the rural sector and all the sample blocks in the urban sector. Schedule 1.4 : Particulars of Construction was canvassed in a sample of constructions selected from a list of constructions identified at their site (the "site approach") in the sample villages and blocks. The Scheme B survey was, however, carried out in an independent sample of towns with the object of examining the feasibility of using the municipal sanction lists (i.e. sanction for construction of buildings) as a sampling frame for construction survey. This report is based on the results of the Scheme - B survey pertaining to central samples only.

1.2 A description of the Scheme - B survey is given in this chapter in the following paragraphs. The important results thrown up by the survey are analysed in section two. This analysis is based mainly on tables at all-India level. The main conclusions and recommendations are presented in section three.

**HISTORICAL BACKGROUND**

1.3 The need for reliable statistics relating to housing and construction has been felt since long. The

major users of these data are National Buildings Organisation (NBO), Planning commission (PC) and Central Statistical Organisation (CSO). The main items on which statistical information is generally required are :

- (1) Rate of new construction in urban and rural areas including number of rooms and floor area added during the reference year.
- (2) Index of prices of building materials.
- (3) Investment in and financing of building construction (This includes expenditure on building materials, construction services and labour).
- (4) Employment in construction industry.
- (5) Wages of construction labour.

More than one expert group has gone into the question of how to develop and maintain a statistical system for regularly obtaining the required information and this has been the subject of discussion at the Conference of Central and State Statistical Organisations (1981 : Agenda Item 5).

1.4 Construction is undertaken by various agencies : government and public sector undertakings, private corporate sector, co-operatives and households. The role of NSS is normally limited to the household sector. At the instance of NBO, NSS has collected data relating to construction in a number of past rounds. A list of these enquiries are given below :—

NSS round	type of data collected
1. 22 to 24, 27 and 28	counts of new buildings completed during one year preceding date of survey (inlisting schedule.)
2. 15 (rural) and 17 (urban)	current building activity: expenditure on building materials, labour employed and services utilised (as part of data collected on capital formation)
3. survey on investment in and financing of building construction in urban areas (1971-74)	expenditure on building materials, labour and services and source of finance.
4. 27 (rural)	—do—

1.5 The experience of these enquiries has shown that construction activity is not evenly distributed in the towns and cities. On the contrary, it is often concentrated in certain areas of the towns. This being

the case, a sample of blocks (the first stage sampling units of NSS in the urban sector) selected from a general frame may not be statistically efficient and may fail to yield enough sample constructions at the

second stage of selection. In the survey mentioned at serial number 3 above, it may be mentioned here that this problem was sought to be overcome by stratification of blocks by intensity of building activity with the help of ward-wise data on municipal sanctions for building construction.

1.6 If there existed a frame in the form of a list of the buildings constructed during a given reference period (or satisfying any other suitable criterion for that matter, according to the purpose of the survey) the intermediate selection of an areal unit at the first stage can be altogether avoided. It was felt that the lists of sanctions issued for building construction by municipal bodies might serve this purpose.

1.7 A type study was conducted in NSS 34th round (1979-80) in 76 towns covering all population size classes and distributed over the different parts of the country to study the availability of municipal sanction lists, their accessibility and the nature of information available therein which could be used for selection of an efficient sample. It showed that sanction lists were available in all towns with population above 20,000, and also in more than 80% of small towns. While some items of information like address of site, purpose of construction etc. were available, others like agency of construction, completion of construction etc. were not always available. In some towns no sanction is required for additions, alteration and improvement which, however, forms an essential part of construction activity.

1.8 Further to explore the feasibility of using the municipal sanction lists as a sampling frame for selection of building constructions, a pilot survey was included as part of the enquiry on construction in NSS 35th round. The construction survey of 35th round was carried out according to two schemes, designated as Scheme A and Scheme B. Scheme A, like any other NSS socio-economic (SE) enquiry, was undertaken in

the general sample of villages and blocks of the round with the schedule 1.4 : Particulars of construction canvassed in a sample of constructions selected at random from a list prepared in the listing schedule. This was intended to build up estimates relating to aspects of construction (including : materials, labour and services consumed, amount and source of finance etc.). Scheme B, on the other hand, was carried out in an independent sample of towns, with the object of studying, most importantly, the utility of the municipal sanction lists for use as a frame of building constructions for a construction survey. Estimation of population parameters was not the main objective of the Scheme - B enquiry and the survey design was not drawn-up with the purpose of building up such estimates.

**SURVEY DESIGN OF SCHEME-B**

1.9 Scope and coverage : The Scheme B survey was carried out in the urban sector of all the states and Union Territories of India excepting : Sikkim, Ladakh district of Jammu & Kashmir, Andaman & Nicobar, Dadra & Nagar Haveli and Lakshadweep. (Tripura and Arunachal Pradesh were covered in the survey, but as no returns have been received from there the present report does not include any result pertaining to them) The scope of the survey was limited to building constructions undertaken by households (this in the present context includes individuals, joint families and proprietary and partnership firms), private non-household organisation excluding the corporate sector. Constructions in the public sector and private corporate sector were outside the coverage of this survey.

1.10 The sample design was stratified two-stage with town as the first stage unit and each municipal sanction for building constructions as the second stage unit.

1.11 Stratification and allocation of towns : The towns within each state/U.T. were divided into strata according to their 1971 census population as follows:-

stratum number	1971 census population size class of town
1 I	(population 1 lakh and above)
2 II	( " 50,000 to 99,999)
3 III	( " 20,000 to 49,999)
4 IV to VI	( " below 20,000)

In the "Central sample", all towns of stratum-1, 50% of towns of stratum-2, 25% of towns stratum-3 and 10% of towns of stratum-4 were selected. The same principle of allocation was followed in the "State samples" of the participating states.

1.12 Selection of sample towns : All the towns of stratum-1 were included in both the central and the state samples. From strata 2 to 4, the sample towns were selected circular systematically with equal probability after arranging the towns in

descending order of population. (While selecting, it was ensured that the central and state samples did not contain the same towns). A total of 639 towns were selected in the Central sample and 621 towns in the state sample, the 141 class - I towns forming part of both.

1.13 *Stratification and selection of sanctions* : In the absence of the dates of commencement and completion of work in the sanction lists it was difficult exactly to know whether a particular sanction order related to a building on which some expenditure on construction was incurred during the usual reference period of one year preceding the date of survey. Hence it was decided to choose purposively four different months suitably spaced and list all the sanctions issued in these months separately in the hope that an analysis of the data collected from the sample sanction of these four months would throw some light on the extent of inclusion of extraneous units in the sampling frame as the coverage is extended backwards in

time. The 6th, 12th, 28th, and 44th months prior to the date of listing were selected for this purpose. In the state sample in the towns of stratum-1, the months were 12th, 20th, 36th, and 52nd prior to listing. (This was done because the towns of stratum-1 are common to the central and state samples).

1.14 Out of the sanctions issued in each of these months, those, if any, issued to government and public sector undertakings and the corporate sector were excluded, they being outside the coverage of this enquiry. The rest was divided into two sub-strata : sub-stratum-1 consisting of sanctions issued to households and private non-household organisations except housing cooperatives and sub-stratum-2, those issued to housing cooperatives only.

1.15 The number of sample sanctions proposed to be selected from sub-stratum-1 of each month was as follows :—

population class of sample town	allocated sample size for each of the months
(1)	(2)
1 million and above class	25
other class—I and class II	15
classes III to VI	10

All sanctions of sub-stratum-2 were selected for survey unless the total listed was more than 5, in which case only five of them were to be selected for survey. All selections of sanctions were done circular systematically with equal probability.

1.16 The operations of listing and selection of sanctions were carried out in Schedule 0.2(c) : List of sanctions. Schedule 1.4, 'Particulars of construction', was canvassed in the selected sanctions. The total number of sample sanctions selected in the central sample was 18291. The state-wise distribution of sample towns and sanctions selected and surveyed is given as Annexure at the end of this report.

ESTIMATION PROCEDURE

1.17 This being a pilot survey, a major part of the tables were based on unweighted counts, averages and proportions computed for the various classificatory strata (mostly incorporated in the sample design itself) such as town size class, month of sanction etc. with the object of studying their differential characteristics. Only in the case of tables based on aggregate estimates for domains cutting across the sampling strata, weights have been used.

1.18 In such cases the estimate of total for any variate y at state level is given by :—

$$\hat{Y} = \sum_s \frac{N_s}{n_s} \sum_i \sum_j \sum_k \frac{M_{sijk}}{m_{sijk}} \sum_l Y_{sijkl} \dots\dots\dots(1)$$

Where : s,i,j,k and l are the suffixes (respectively) for stratum, sample town, month, sub-stratum and sample sanction; N and n stand for total number of towns in stratum and number of sample towns surveyed (including any zero) in that order; M and m are the number of sanctions listed and surveyed; and y is the value of the variate.

1.19 To estimate the number of constructions, y is taken as the number of constructions covered by a sanction order which is usually 1. Any ratioin (e.g. average quantity per construction) is obtained by dividing the estimate of the aggregate appearing as the numerator by that appearing as the denominator.

Section Two :  
RESULTS OF THE SURVEY

## INTRODUCTION

2.1 The important results thrown up by this pilot survey are presented in this chapter alongwith a discussion on their implications for methodology. As already indicated, the data given in this section relate to those obtained from the central sample only. Further, the discussion here is based on all states pooled results.

2.2 The important concepts and definitions adopted for the survey are given below.

2.3 CONCEPTS AND DEFINITIONS : Concepts and definitions adopted for this pilot survey are same as those explained in pages 16-17.

## CHARACTERISTICS OF SANCTIONS LISTED AND SELECTED

2.4.1 Table (1) gives the distribution of sample towns and average number of sanctions issued per month by size class of town and month prior to date of listing.

TABLE (1): DISTRIBUTION OF SAMPLE TOWNS SURVEYED (N) AND AVERAGE NUMBER OF SANCTIONS ISSUED PER MONTH(X) BY MONTH PRIOR TO LISTING AND SIZE CLASS OF TOWN.

month prior to listing	population size class (1971 census)							
	1 lakh and above		50,000-99,999		20,000-49,999		below 20,000	
	N	X	N	X	N	X	N	X
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
6	141	76	100	23	150	13	163	5
12		66		22		9		4
28		67		19		10		3
44		50		17		8		3

2.4.2 Table (2) gives the distribution of sanctions listed by type of construction.

TABLE (2): DISTRIBUTION OF SANCTIONS LISTED BY TYPE OF CONSTRUCTION

srl. no.	type of construction	number of sanctions listed
(1)	(2)	(3)
1.	new buildings	38,439
2.	auditions, alteration and improvements	12,558
3.	non-building constructions	1,848
4.	total	52,845

2.4.3 Table (3) gives the distribution of sanctions listed by ownership type :

srl. no.	ownership type	number of sanctions listed
(1)	(2)	(3)
1.	households	49,915
2.	non-household institutions other than housing cooperatives and public and corporate sectors	1,314
3.	housing co-operatives	492
4.	private corporate sector	392
5.	public sector	732
6.	total	52,845

The above table shows that an overwhelming majority of the sanctions are issued to households. The state-wise figures (not included in this report) shows that the co-operative movement in house construction had taken roots, at the time of this survey, only in Gujarat and Maharashtra and in small measure in

Tamilnadu and West Bengal. And in these states, the co-operative movement is mostly confined to class-1 towns and cities.

2.4.4 Table (4) gives the distribution of sample sanctions selected and surveyed :—

TABLE (4): DISTRIBUTION OF SAMPLE SANCTIONS SELECTED AND SURVEYED BY SIZE CLASS OF TOWN AND MONTH PRIOR TO LISTING

month prior to listing	population size class of town									
	1 lakh or more		50,000-99,999		20,000-49,999		below 20,000		total	
	selected	surveyed	selected	surveyed	selected	surveyed	selected	surveyed	selected	surveyed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
6	2128	1914	1248	1178	978	928	550	502	4904	4522
12	2119	1961	1211	1123	845	788	499	441	4674	4313
28	2150	1937	1118	1012	836	771	472	452	4576	4172
44	1967	1814	1031	951	770	770	359	336	4127	3811
total	8364	7326	4608	4264	3429	3197	1880	1731	18281	16818

2.4.5 Out of a total of 18281 sample sanction selected, only 16818 could be surveyed. The casualty rate (about 8%) is higher than that usually observed in the NSS socio-economic surveys.

#### Distribution of sanctions by stage of construction

2.5.1 In block 3 of schedule 1.4 information on proportion of work completed as on the date of survey (block 5, item 9) and the same carried out during one year preceding the date of survey (item

10) has been collected. Using this the sample sanctions can be classified by the proportion of work completed. This, tabulated by month prior to listing, would give a very important indication relevant to the main purpose of the survey, viz. testing the utility of sanction lists as a sampling frame.

2.5.2 Table (5) gives the distribution of sample sanctions by stage of work for each population size class of town and month prior to listing.

TABLE (5): DISTRIBUTION OF SAMPLE SANCTIONS BY STAGE OF PROGRESS OF WORK FOR EACH POPULATION SIZE CLASS AND MONTH OF SANCTION: ALL STATES

population class	month prior to listing	proportion of work completed one year before the date of survey			work started during last year	work not started	total
		100%	50% to 100%	less than 50%			
		(3)	(4)	(5)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1 lakh and above	6	2.78	3.16	4.55	64.41	25.09	100.00
	12	13.31	7.12	11.10	51.69	16.76	100.00
	28	45.92	18.92	12.32	11.82	11.02	100.00
	44	62.15	13.16	6.93	8.19	9.57	100.00
50,000—99,999	6	1.90	2.26	2.80	69.47	23.57	100.00
	12	5.99	4.73	6.67	65.22	17.39	100.00
	28	57.28	15.53	8.74	8.74	9.71	100.00
	44	66.67	12.07	6.55	4.02	10.69	100.00
20,000—49,999	6	0.85	2.06	3.14	73.88	20.07	100.00
	12	4.05	2.97	7.69	71.52	13.77	100.00
	28	50.34	15.91	12.03	13.28	8.44	100.00
	44	64.20	12.69	10.27	5.74	7.10	100.00
less than 20,000	6	1.07	1.94	1.94	81.50	13.55	100.00
	12	5.82	2.80	8.84	74.35	8.19	100.00
	28	56.11	15.21	9.23	15.21	4.24	100.00
	44	64.33	12.42	7.01	10.51	5.73	100.00
all classes	6	1.93	2.53	3.47	69.79	22.28	100.00
	12	8.78	5.21	9.03	61.62	15.36	100.00
	28	51.35	17.24	11.14	10.73	9.54	100.00
	44	68.89	12.73	7.48	6.87	9.03	100.00

2.5.3 The most important criterion that a list of units should satisfy in order that it can be used as a sampling frame is that it should include all the units of the target population and, ideally, should not contain any other unit i.e. any extraneous element. In a building construction survey the target population usually consists of all constructions on which some expenditure on construction has been made during a reference period of one year preceding the date of survey. Alternatively, sometimes it may be defined as building constructions *completed* during the reference period. According to the first definition, the sanctions covered in columns (3) and (7) are extraneous units.

2.5.4 The proportion of extraneous units is seen to be more in earlier months 28th and 44th months prior to listing. However, with only the experience of this survey it is difficult to set a cut-off point. For, even among sanctions issued 44 months prior to listing, only 60% have reported 100% completion of work prior to the reference period. Thus, in order to ensure

that all the units of the target population are included in the frame, the listing of sanctions should go well beyond the 44th month before listing. This, obviously, will bring in a large number of extraneous units and thus seriously affect the efficiency of the sample.

2.5.5 In some towns there appears to exist a time limit such as two years for the validity of a sanction order, on expiry of which it has to be renewed. Supposing this is strictly followed in the case of all the towns and cities of the country, and assuming that no construction activity takes place without a currently valid sanction order, a list of all sanctions valid at any time during the reference period should include all the target population units without including unduly many extraneous units. It is only hard to believe that such a happy situation exists in all the states and U.T's of Indian Union. However, the fact of the situation may be ascertained from official sources.

2.6.1 Table 6, throws some further light on this aspect.

TABLE (6): PERCENTAGE DISTRIBUTION OF SAMPLE SANCTIONS WITH WORK STARTED BY INTERVAL BETWEEN SANCTION AND COMMENCEMENT OF WORK

months prior to listing	commencement in months after sanction					all (no. of sample reporting in brackets)
	less than 6 months	6—12 months	12—24 months	more than 24 months		
6	90.35	8.53	0.97	0.15	100.00	(3293)
12	80.94	14.40	4.43	0.23	100.00	(3452)
28	80.80	8.24	8.16	2.80	100.00	(3506)
44	82.44	7.85	5.57	4.14	100.00	(3285)
all	83.55	9.78	4.83	1.82	100.00	(13536)

2.6.2 The above table indicates that although in about 80% of the cases reporting commencement of work (67% all surveyed samples) work is started within six months of issue of sanction, in a significant proportion of cases the start of the work is delayed and perhaps has not begun at all.

2.7 The above findings clearly show that : (a) for ensuring that all constructions on which some expenditure has been made during the reference period of one year preceding the date of survey are covered in the list frame, original sanctions issued during at least the previous four years or more will have to be listed and (b) if that is done the list will contain about 20% to 50% extraneous units. The situation will be worse if the target population is defined as constructions "completed" during the reference year.

2.8 So far the findings of the survey which have a bearing on the question of the suitability of municipal sanction lists as sampling frame were examined. Now some estimates relating to expenditure on construction, source of finance etc. obtained from the survey may be looked into. The detailed state-wise tables

are not given in this report. Some selected estimates extracted from those tables are presented in following paragraphs.

#### *Expenditure on construction during last year*

2.9.1 State-wise average expenditure on construction under the broad heads of materials, labour and services during the 365 days preceding the date of survey is given in Table (7). The denominators for obtaining these averages are the estimated number of constructions on which some expenditure on construction has been made during the last 365 days (called "eligible constructions"—i.e., members of the usual target population). Column (13) gives the number of sample constructions on which this is based (the total number of sample sanctions surveyed is given in the Annexure).

2.9.2 The table shows wide variations not only in the quantity of the materials and labour consumed, but in the effective prices as well over the states and union territories. (It may be mentioned here that the estimate of the quantity of bricks consumed in Gujarat seems to be doubtful).

TABLE (7): AVERAGE EXPENDITURE ON MATERIALS, LABOUR AND SERVICES PER "ELIGIBLE" CONSTRUCTION DURING 365 DAYS PRECEDING THE DATE OF SURVEY BY STATE/U.T. (ALL BUILDINGS)

srl. no.	state/union territories	bricks (burnt)		cement		other materials (Rs.)	total materials (Rs.)	labour		services (Rs.)	total expenditure (Rs.)	no. of sample constructions
		nos. (00)	value (Rs.)	quintal	value (Rs.)			(mandays)	(Rs.)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Andhra Pradesh	112	943	38	2301	6288	9523	162	1928	318	11778	1291
2.	Assam	120	1821	28	1857	6927	10605	159	2040	50	12695	72
3.	Bihar	127	3364	41	2249	3758	9371	259	2129	272	11771	391
4.	Gujarat	1476	5931	99	4786	19187	29904	388	5318	1702	36924	578
5.	Haryana	135	3017	26	1421	15843	20281	137	2094	365	22740	418
6.	Himachal Pradesh	17	823	164	11392	33430	45645	646	9404	625	55674	38
7.	Jammu & Kashmir	105	3479	25	1604	6740	11823	202	3141	276	15239	148
8.	Karnataka	65	1647	80	4187	20554	26388	619	3300	1536	31224	515
9.	Kerala	135	772	40	2943	10653	14368	148	2875	125	17368	594
10.	Madhya Pradesh	293	2011	30	1804	4927	8742	307	2227	383	11352	*
11.	Maharashtra	376	3968	120	7127	24433	35528	389	7798	6083	49409	813
12.	Manipur	925	14968	67	7669	53578	76215	551	11325	—	87540	8
13.	Meghalaya	238	1295	49	7596	30264	39155	393	6720	476	46351	58
14.	Nagaland	79	3787	30	2042	16849	22678	265	3984	1330	27992	33
15.	Orissa	86	1859	37	2642	4836	9337	282	2546	139	12022	166
16.	Punjab	119	3028	22	1185	3907	8120	112	1867	295	10282	580
17.	Rajasthan	56	1023	14	918	6852	8793	282	3304	415	12512	565
18.	Tamil Nadu	130	2707	62	3672	11116	17495	332	2797	644	20935	1118
19.	Uttar Pradesh	257	4498	36	2128	6497	13123	226	2845	534	16503	1515
20.	West Bengal	123	3626	52	3186	8090	14902	263	2538	303	17743	877
21.	Chandigarh	341	8600	135	16332	23043	47975	546	12486	1076	61537	53
22.	Delhi	320	9495	182	11454	28668	49637	666	7838	2017	59492	72
23.	Goa, Daman & Diu	60	1968	142	6126	18543	26637	307	5081	707	32425	38
24.	Mizoram	9	316	11	630	5892	6838	66	1488	258	8584	18
25.	Pondicherry	363	3826	92	5257	10226	19309	576	5245	679	25233	45

\*The figure of number of eligible sample constructions doubtful.



## SOURCE OF FINANCE

2.9.3 Table (8) : gives average amount of finance per construction by source for each state/U.T. The

table shows that 'other sources' is the major source of finance for building construction. The constitution of loan finance is relatively small in almost all states.

TABLE (8): AVERAGE AMOUNT OF FINANCE PER BUILDING CONSTRUCTION BY BROAD SOURCE OF FINANCE FOR EACH STATE/U.T.

srl. no.	state/ union territories	average amount of finance( Rs.)				no. of sample construction
		borrowing from employer	borrowing from other sources	other sources	total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh	1653	4931	12940	19524	2027
2.	Assam*	—	—	—	—	—
3.	Bihar	1065	5019	13706	19788	391
4.	Gujarat	731	23894	19949	44574	1243
5.	Haryana	955	2545	9180	12680	418
6.	Himachal Pradesh	933	3660	39400	43993	38
7.	Jammu & Kashmir	1153	3955	19714	24822	148
8.	Karnataka	1587	10076	13151	24814	1358
9.	Kerala	284	8226	11750	20260	1017
10.	Madhya Pradesh	455	3443	9233	13131	1198
11.	Maharashtra	7452	15685	71097	94234	1550
12.	Manipur	13750	—	77470	91220	8
13.	Meghalaya	14449	5913	29909	50270	58
14.	Nagaland	400	900	27556	28356	33
15.	Orissa	249	2295	12518	15062	166
16.	Punjab	479	2185	13165	15829	580
17.	Rajasthan	446	3024	10661	14131	565
18.	Tamil Nadu	—	—	—	—	—
19.	Uttar Pradesh	535	3412	17028	20975	1515
20.	West Bengal	1811	5723	12678	20213	877
21.	Chandigarh	12202	15533	25908	53643	53
22.	Delhi	6422	16692	47760	70874	72
23.	Goa, Daman & Diu	537	6204	28450	35191	59
24.	Mizoram	—	—	12007	12007	18
25.	Pondicherry	798	2340	16705	19843	75

\*As some discrepancies were detected in the final table, estimates are not included in this table.

2.9.4 The data on source of finance given above relate to a wide range of constructions—from those completed a few years ago to those just started or not even started. They do not refer to any well defined reference period either. It will be more meaningful to have this information for constructions

completed during the reference year, in which case this can also be related to the total construction cost.

2.10.1 The following two tables, Tables (9) and (10), have been compiled from the marginals of Table 7 state-wise table.

TBALÉ (9): PERCENTAGE DISTRIBUTION OF COMPLETED NEW BUILDING CONSTRUCTION BY COST OF CONSTRUCTION FOR EACH STATE/U.T.

srl. no.	State/union territories	cost of construction (Rs.)					no. of sample constructions
		less than 5000	5000—25,000	25,000—1 lakh	above 1 lakh	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	22.53	39.81	37.66	—	100.00	1110
2.	Assam	15.94	30.08	53.98	—	100.00	53
3.	Bihar	21.21	51.61	26.77	0.41	100.00	96
4.	Gujarat	38.03	34.91	27.06	—	100.00	733
5.	Haryana	14.92	63.75	21.33	—	100.00	187
6.	Himachal Pradesh	—	12.40	87.60	—	100.00	9
7.	Jammu & Kashmir	—	40.09	44.02	5.34	100.00	22
8.	Karnataka	18.77	27.68	53.55	—	100.00	228
9.	Kerala	17.90	27.51	54.59	—	100.00	301
10.	Madhya Pradesh	38.24	42.18	19.58	—	100.00	666
11.	Maharashtra	35.97	33.80	30.23	—	100.00	909
12.	Manipur	—	25.00	75.00	—	100.00	4
13.	Meghalaya	—	30.26	62.07	7.67	100.00	26
14.	Nagaland	—	32.35	67.65	—	100.00	21
15.	Orissa	9.84	42.61	36.07	5.74	100.00	48
16.	Punjab	7.14	53.52	34.70	1.60	100.00	167
17.	Rajasthan	23.85	49.37	23.91	1.65	100.00	154
18.	Tamilnadu	28.48	42.05	29.47	—	100.00	1032
19.	Uttar Pradesh	21.38	50.25	25.90	2.08	100.00	556
20.	West Bengal	9.27	22.37	62.73	3.25	100.00	168
21.	Chandigarh	8.80	5.46	57.30	28.44	100.00	23
22.	Delhi	12.47	11.09	52.49	23.95	100.00	48
23.	Goa, Daman & Diu	—	—	100.00	—	100.00	1
24.	Mizoram	60.00	12.50	27.50	—	100.00	9
25.	Pondicherry	—	—	—	—	—	—

\*total in col. (7) includes not recorded cases also.

TABLE (10): PERCENTAGE DISTRIBUTION OF COMPLETED NEW BUILDING CONSTRUCTIONS BY PLINTH AREA FOR EACH STATE/U.T.

srl. no.	state/union territories	plinth areas (sq. metres)						all
		less than 20	20—50	50—100	100—250	220 & above	not recorded	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Andhra Pradesh	4.63	12.90	15.85	12.59	1.94	52.09	100.00
2.	Assam	—	3.44	23.81	20.91	2.01	49.83	100.00
3.	Bihar	15.76	18.38	16.30	14.53	20.06	14.97	100.00
4.	Gujarat	10.53	12.23	17.92	6.12	5.34	47.86	100.00
5.	Haryana	11.14	39.22	14.62	18.41	4.08	12.53	100.00
6.	Himachal Pradesh	—	65.65	4.38	8.74	4.38	16.85	100.00
7.	Jammu & Kashmir	10.55	32.56	41.19	15.70	—	—	100.00
8.	Karnataka	28.26	18.56	27.24	19.35	3.71	2.88	100.00
9.	Kerala	9.31	26.18	48.67	7.94	1.60	6.30	100.00
10.	Madhya Pradesh	6.33	11.68	12.59	10.85	4.97	53.58	100.00
11.	Maharashtra	15.39	13.46	13.06	2.46	9.23	36.40	100.00
12.	Manipur	—	—	—	—	—	100.00	100.00
13.	Meghalaya	4.05	3.61	15.72	12.56	40.63	23.43	100.00
14.	Nagaland	47.06	44.12	8.82	—	—	—	100.00
15.	Orissa	20.49	31.14	24.59	4.92	5.74	13.12	100.00
16.	Punjab	3.79	32.37	22.26	23.39	0.60	17.59	100.00
17.	Rajasthan	16.49	25.48	21.03	22.16	3.88	10.96	100.00
18.	Tamilnadu	8.61	21.76	17.72	9.52	4.72	38.12	100.00
19.	Uttar Pradesh	4.96	14.83	23.71	26.30	3.50	26.50	100.00
20.	West Bengal	26.69	22.54	7.71	3.45	5.76	33.85	100.00
21.	Chandigarh	33.76	36.79	29.45	—	—	—	100.00
22.	Delhi	9.46	11.14	20.14	31.44	7.27	20.55	100.00
23.	Goa, Daman & Diu	—	—	—	100.00	—	—	100.00
24.	Mizoram	—	—	—	—	—	100.00	100.00
25.	Pondicherry	—	—	—	—	—	—	—

2.10.2 These two tables give the picture relating to roughly four years preceding the survey period of 35th round i.e. 1976–80. The tables are self explanatory. The high proportions of “not recorded” cases in Table (10) limit its utility.

### SECTION : THREE

#### CONCLUSIONS

3.1 The main objective of the survey was to assess the utility of municipal sanction lists as sampling frame for construction surveys. The results discussed in the previous section seem to indicate their unsuitability for this purpose, at least in the form in which they are maintained now. The main drawback of these lists is the absence of information regarding completion of work. If dependable information on date of completion was available, it would be possible to prepare a list of sanctioned buildings whose construction has either been completed sometime during the reference period or not yet completed. Such list then

will cover all the units of the target population, though it may include some extraneous units (those on which construction work has not yet started and may never be). Of course, to prepare such a list one may have to run through the lists of the past many years; but the final list would include nearly all relevant units and not many extraneous ones.

3.2 Another difficulty of using them for sampling is that in many towns, sanction is required only for new buildings and not for additions, alterations and improvements. But this forms a significant part of total construction activity and hence cannot be ignored.

3.3 There is also the problem of smaller towns where there is as yet no system of sanction. This part of the urban sector will have to be covered along with the rural areas.

3.4 Apart from all these, there is of course the serious problem of unauthorised constructions, which can never be netted through municipal sanctions. The

proportion of unauthorised constructions to total constructions is not known and admittedly is difficult to know. However, it is perhaps not negligible.

3.5 Thus it appears that the municipal sanction lists cannot serve as a good list frame for building construction surveys. However, they can still be used for identifying areas (wards, for example) of concentration of construction activity as done in the earlier survey on Investment and Financing of Building Construction in urban areas.

3.6 Results of Scheme A can throw some light on how effective a general purpose sample of blocks is in netting units of the target population, in the urban areas.

3.7 In the light of the experience gained from the present survey as well as earlier NSS surveys on this subject, some proposals regarding the organisation of construction surveys in NSS may be put forward. A reasonably good feasible strategy for collecting data on building construction in the household sector seems to be as follows :—

I. A comprehensive survey on investment and financing of building construction may be carried out once in five years. While in the rural sector this may be integrated with a socio-economic round of NSS, in the urban sector this may be carried out in a special sample of towns as done earlier. In this survey, information on expenditure on construction during last year will be collected from all samples, and total expenditure since start as well as sources

of total finance will be collected from samples which have been "completed" during the reference period. It may be desirable to have these two types of unit as separate sub-strata to ensure sufficient sample size for each. Tabulation may be done by more or less detailed classes of type of structure.

II. In the inter-survey years, a count of building constructions : (a) on which some construction was done during last year and (b) completed during last year may be obtained through the listing schedule, say every alternate year. This count may also be taken with sufficient details with regard to type of structure, so that the averages obtained from the detailed bench mark survey can be applied separately for each of such class.

3.8 Such a scheme, it would seem, will be able to satisfy the requirements of the three major users of data on building construction, without being unduly ambitious or expensive. The five-yearly surveys will be able to generate data required for NBO on investment and financing of building construction. The annual or biennial surveys along with the ratios and averages obtained from the preceding quinquennial survey will be able to provide data on yearly expenditure on capital formation in building construction in the household sector for use by the CSO. It can also provide direct estimates of annual addition to housing stock by type of structure as required by NBO. Planning Commission may also use these estimates in whatever manner they would like to use them.

## DISTRIBUTION OF SAMPLE TOWNS AND SANCTIONS SELECTED AND SURVEYED BY STATE/U.T.

Srl. no.	state/union territories	no. of sample towns		no. of sample sanctions	
		selected	surveyed	selected	surveyed
(1)	(2)	(3)	(4)	(5)	(6)
1.	Andhra Pradesh	52	50	1864	1762
2.	Assm	13	18	130	117
3.	Bihar	41	27	664	592
4.	Gujarat	41	36	1492	1444
5.	Haryana	13	13	526	473
6.	Himachal Pradesh	5	4	62	48
7.	Jammu & Kashmir	7	7	187	185
8.	Karnataka	45	41	1283	1194
9.	Kerala	22	22	843	806
10.	Madhya Pradesh	47	38	1373	1058
11.	Maharashtra	65	60	1898	1828
12.	Manipur	2	1	11	11
13.	Meghalaya	2	1	60	60
14.	Nagaland	2	2	34	33
15.	Orissa	15	15	269	177
16.	Punjab	21	21	777	738
17.	Rajasthan	30	26	735	692
18.	Tamil Nadu	82	68	2220	2139
19.	Uttar Pradesh	72	61	2049	1970
20.	West Bengal	56	34	1471	1232
21.	Chandigarh	2	2	74	53
22.	Delhi	1	1	100	77
23.	Goa, Daman & Diu	3	3	91	56
24.	Mizoram	2	2	118	18
25.	Pondicherry	3	3	60	59
26.	all -India	644	546	18291	16822

# A NOTE ON BUILDING CONSTRUCTION

## NSS—44TH ROUND (JULY 1988—JUNE 1989)

### SECTION ONE

#### INTRODUCTION

1.1 An enquiry on current building construction activity was taken up as a part of the 44th round of the National Sample Survey (NSS) mainly to meet the requirements of the National Building Organisation (NBO) and the Central Statistical Organisation (CSO). A survey of this kind was last undertaken by NSS in its 35th round (July 1980–June 1981). Whereas in 35th round an attempt was made to cover both buildings and non-building constructions, the enquiry of 44th round covers only building constructions. In both the rounds, constructions undertaken by Government (central, state and local bodies), public sector undertakings and private corporate sector were left out of the coverage of the construction enquiry. This report presents the results obtained from the 44th round enquiry on building construction based on central samples only.

1.2 Section one of the report gives a brief description of the survey, including broad aspects of survey design and the concepts and definitions adopted. Section two gives briefly the sample design and estimation procedure, while section three discusses the important results of the survey. Detailed tables are given in Part II for rural and urban areas and also for each of the four metropolitan cities Bombay, Calcutta, Delhi and Madras.

#### BROAD SURVEY DESIGN

1.3 The sample design adopted was a stratified two-stage design in both rural and urban sectors. The first stage units (f.s.u.) were census villages in the rural sector and UFS blocks in the urban sector. The second stage units (s.s.u.) were building construction works carried out within the geographical boundaries of the sample f.s.u.'s irrespective of where the owner of the construction lived. These included 'pucca', 'semi-pucca' and 'katcha' buildings. They were either new buildings or additions, alterations or improvements to existing buildings. Only construction works on which the expenditure incurred during the preceding 365 days was greater than Rs. 250/- in the rural sector and Rs. 500/- in the urban sector were considered. As already mentioned, buildings constructed by governments, public sector undertakings and the private corporate sector (i.e. private and public limited companies) were outside the survey coverage.

1.4 The total number of villages, blocks and building construction works selected were 7656, 4836 and 42264 respectively.

#### CONCEPTS AND DEFINITIONS

1.5 *Unit of survey*: The unit of survey was a building construction work on a given site. This could be either a new building or addition, alteration or improvement to existing buildings. The construction work referred to the entire building. For example if a co-operative housing society was constructing a building with a number of flats, the whole building formed one unit. If more than one physically separate structure formed one living unit (kitchen or bathroom might be detached from the main building) all of them together was treated as one building. On the other hand, if parts of a building were owned by different persons at the time the construction work was carried out, then each such portion was treated as a separate construction work (example: in ownership flats, additions, alterations or improvements carried out by each flat owner was treated as a separate construction work). In some exceptional cases, more than one structure might be built on one site, but no separate account was available for the individual structures. Then all of them together were treated as one unit. In no case buildings constructed on different sites were grouped into one unit.

#### 1.6 *New Buildings*

This was defined as the erection of an entirely new structure.

1.7 *Addition, alteration and improvement of building* was defined as extension or betterment of existing buildings. Such work should result in increasing the usefulness of the structures by making provision for additional floor space and/or amenities or in extending their life. Any type of remodelling, renovation or major repair work came under this. Routine maintenance and minor repairs would not be considered in this category.

#### 1.8 *Type of structure*

Buildings were classified into three types with respect to their structure—'pucca', 'semi-pucca' and 'katcha' on the basis of the materials used to construct their walls and roof.

### 1.9 Pucca

A pucca structure is one whose walls and roofs at least are made of 'pucca' materials such as cement, concrete, oven burnt bricks, stone and stone blocks, jack board, tiles, timber, galvanised or corrugated iron sheets, asbestos cement sheets etc.

### 1.10 Katcha

A katcha structure is one which has both walls and roofs made of katcha or non-pucca materials such as unburnt bricks, bamboo, mud, grass, leaves, reeds and/or thatch etc.

### 1.11 Semi-pucca

A structure of this type was one which could not be treated as wholly pucca or wholly katcha.

1.12 *Owner of a construction work* was an individual or a collective body or an institution on whose account the construction was carried out. Such an individual/agency would be considered as the owner when the construction was ongoing. For instance, in the case of a housing co-operative society constructing a block of flats which would be subsequently handed over to its members, the society would be considered as the owner at the time of construction. Owners could fall in one of the following types.

#### 1.12.1 Household

Any private individual, joint family or proprietary or partnership enterprise was treated as a household (or, rather, belonging to the household sector) for the building construction survey.

#### 1.12.2 Co-operative Housing Society

A co-operative society registered for the sole or major purpose of constructing houses/flats for its members is a Co-operative Housing Society. A society which simply arranges finance is not a Co-operative Housing Society.

#### 1.12.3 Private non-household organisation (other than Co-operative Housing Society)

All organisations falling in the private sector other than households, housing co-operatives and joint stock companies come under this category. For example, educational and religious institutions run by committees; clubs; political parties; co-operative societies (other than housing societies) etc.

### 1.13 Completed building

A "new building" construction was treated as completed if it was considered by the owner as completed and ready for first occupation. In the case of "addition, alteration and improvement", a construction was

treated as completed if, in the opinion of the owner, it has been completed.

### 1.14 Construction expenditure

This is the cost of construction incurred during the reference period, which includes (i) materials used, (ii) wages payable to labour and (iii) charges payable for various services utilised. Materials received as gift were evaluated at current market price and home produced items, at ex-farm or ex-factory rates. For free collections only transport and other incidental charges were counted. Cost of materials was inclusive of transportation charges.

1.15 The connotations of certain sources of finance are given below.

#### 1.15.1 Government/local bodies

This included central and state governments and local self-government bodies and institutions set up by them such as HUDCO.

#### 1.15.2 Money lender

This referred to indigenous professional money lenders who lent money on interest.

#### 1.15.3 Friends and relatives

Friends and relatives are those who lent money without interest. Such a person who charges interest was classified as money lender.

#### 1.15.4 Savings

This covered only deposits in banks, post offices etc. It did not include current incomes such as salary, pension etc.

#### 1.15.5 Pension, P.F. and other superannuation benefits

These refer to commuted value of pension, gratuity, provident fund etc. received on retirement.

#### 1.15.6 Others

Current income by way of salary, pension, business and profession, cash in hand, and any other income not considered elsewhere were considered under 'others'

### 1.16 Finance

Data on finance for building construction by sources were collected for the reference period of 365 days preceding the date of survey. In the case of borrowed funds, all funds borrowed during the reference period were included whether or not the whole of it was spent on construction during this period. In the case of own resources, however, the actual amount spent on construction work during the reference period only was considered.

## SECTION TWO

SAMPLE DESIGN AND ESTIMATION  
PROCEDURE

## SAMPLE DESIGN

## 2.1 Geographical Coverage

The survey covered the whole of Indian Union except Ladakh and Kargil districts of Jammu & Kashmir. The survey was tentatively extended to the rural areas of Nagaland, but since the Nagaland rural sample was not a fully representative one, the present report does not include the data collected from it. Thus no estimates are given for rural Nagaland, nor does All India rural estimates include that state.

## 2.2 Procedure of selection of sample

The sample design was stratified two-stage. The first stage units were census villages in the rural sector and Urban Frame Survey blocks in the urban sector. The second stage units were construction works. In the rural sector stratification was oriented towards the tribal survey of 44th round. In the urban sector, in towns with population 200,000 or more stratification has tried to take into account the uneven spatial distribution of construction activity. The sample villages were selected circular systematically with probability proportional to population and the sample blocks, circular systematically with equal probability. Large villages and blocks were divided into a number of hamlet-groups and sub-blocks out of which one was selected for survey. The sample constructions were selected after dividing them into 3 sub-strata viz. (1) pucca and semi-pucca new building, (2) pucca and semi-pucca additions, alterations and improvements and (3) all katcha buildings. Samples were selected from sub-stratum 1 systematically with probability proportional to size and from the other two substrata with equal probability. The number of samples allotted for each f.s.u. were 4, 1 and 2 from the three sub-strata respectively in the rural sector and 4, 2 and 1 respectively in the urban sector. In the case of a sample construction owned by a co-operative housing society data on source of finance were collected from 2 members selected at random. Statement 2.1 gives the number of sample villages and urban blocks allotted and surveyed and the number of sample constructions surveyed in rural and urban sectors by state/u.t.

## ESTIMATION PROCEDURE

2.3 The following notations are used :—

- S : subscript for state  
s : „ stratum  
i : „ sample village/block

- j : „ sample construction  
t : „ sub-stratum  
P : total frame population of stratum(rural)  
p : population of sample village (used for selection)  
N : total number of blocks in urban stratum  
n : number of sample villages/blocks surveyed (including depopulated and zero cases)  
D : number of hamlet-groups/sub-blocks formed  
c : number of census villages in surveyed revenue village  
H : total number of constructions listed  
h : number of constructions surveyed  
Z : total size of constructions of sub-stratum 1 listed in village/block  
z : size of sample construction of sub-stratum 1  
x,y : any two characteristics to be estimated  
X,Y : aggregate of x and y respectively  
R : Y/X

2.4 The formulas for estimating aggregates ( $\hat{Y}$ ) are as follow :—

Rural :

$$(i) \hat{Y}_s = \frac{P_s}{n_s} \sum_{i=1}^{n_s} \frac{D_{si}}{p_{si} c_{si}} \sum_{t=1}^3 \hat{Y}_{sit}$$

For t=1,

$$(ii) \hat{Y}_{sit} = \frac{Z_{sil}}{h_{sil}} \sum_{j=1}^{h_{sil}} \frac{Y_{silj}}{z_{silj}} \quad \text{when } H_{sit} > h_{sil}$$

$$\text{and } \hat{Y}_{sit} = \sum_{j=1}^{h_{sil}} y_{silj} \quad \text{when } H_{sit} = h_{sil}$$

For t=2, 3

$$(iii) \hat{Y}_{sit} = \frac{H_{sit}}{h_{sit}} \sum_{j=1}^{h_{sit}} y_{sit}$$

In case the construction was undertaken by a cooperative housing society, in the formula for  $\hat{Y}_{sit}$ ,  $y_{sitj}$  will be replaced by

$$Y^*_{sitj} = \frac{A_{sitj}}{a_{sitj}} y_{sitj}$$

where A and a stand for the total number and sample number of members in the society.



STATEMENT 2.1: DISTRIBUTION OF SAMPLE VILLAGES AND BLOCKS ALLOTTED AND SURVEYED AND NUMBER OF SAMPLE CONSTRUCTIONS SURVEYED

sl. no.	state/union territories	rural		no. of sample construction surveyed	urban		no. of sample construction surveyed
		no. of sample villages			no. of sample blocks		
		allotted	surveyed	allotted	surveyed		
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh . . . . .	536	536	2181	344	344	1353
2.	Assam . . . . .	296	265	724	120	113	317
3.	Bihar . . . . .	672	672	2605	216	215	609
4.	Gujarat . . . . .	216	216	490	216	216	361
5.	Haryana . . . . .	160	160	695	80	80	289
6.	Himachal Pradesh . . . . .	184	167	571	48	48	162
7.	Jammu & Kashmir . . . . .	416	411	1898	200	200	745
8.	Karnataka . . . . .	280	280	824	232	232	672
9.	Kerala . . . . .	344	344	2101	144	144	795
10.	Madhya Pradesh . . . . .	392	392	1067	280	280	566
11.	Maharashtra . . . . .	480	480	1450	552	552	1236
12.	Manipur . . . . .	72	72	119	72	72	155
13.	Meghalaya . . . . .	88	88	189	48	48	57
14.	Nagaland* . . . . .	—	—	—	32	32	18
15.	Orissa . . . . .	216	214	567	120	119	276
16.	Punjab . . . . .	360	360	1556	256	256	901
17.	Rajasthan . . . . .	264	263	680	176	176	356
18.	Sikkim . . . . .	80	80	26	24	24	9
19.	Tamil Nadu . . . . .	488	488	2494	424	424	1631
20.	Tripura . . . . .	120	108	435	48	45	220
21.	Uttar Pradesh . . . . .	1168	1165	4759	496	496	1189
22.	West Bengal . . . . .	456	451	1941	368	368	1113
23.	Andaman & Nicobar Islands . . . . .	72	72	336	32	32	117
24.	Arunachal Pradesh . . . . .	80	80	96	20	20	13
25.	Chandigarh . . . . .	8	8	39	16	16	23
26.	Dadra & Nagar Haveli . . . . .	24	24	41	4	4	13
27.	Delhi . . . . .	16	16	50	160	160	337
28.	Goa . . . . .	24	24	54	16	16	25
29.	Lakshadweep . . . . .	16	16	77	12	12	71
30.	Mizoram . . . . .	88	88	191	48	48	104
31.	Pondicherry . . . . .	32	32	154	24	24	104
32.	Daman & Diu . . . . .	8	8	14	8	8	3
	All India . . . . .	7656	7580	28424	4836	4819	13840

\*The samples selected from the rural sector of Nagaland have not been considered for this report.

#### Urban:

The formulas for urban sector are as above with  $P_s/(p_{si} c_{si})$  replaced by  $N_s$ .

2.5 The aggregates for any state and all India are obtained by adding those of the constituent strata.

2.6 Ratios of the form  $R = Y/X$  are estimated by  $\hat{R} = \hat{Y}/\hat{X}$ , where  $\hat{Y}$  and  $\hat{X}$  are the estimates of aggregates at the level at which  $\hat{R}$  is required.

#### SECTION THREE

#### SUMMARY FINDINGS

3.1 Number of constructions by structure type: The following Statement 3.1 gives the estimated number of building constructions and their distribution by structure type for all India, rural, urban and cities.

STATEMENT (3.1) : ESTIMATED NUMBER OF BUILDING CONSTRUCTIONS AND THEIR DISTRIBUTION BY STRUCTURE TYPE : ALL INDIA : RURAL, URBAN AND CITIES

structure type	rural		urban		cities	
	number of constructions (00)	%	number of constructions (00)	%	number of constructions (00)	%
pucca . . . . .	42358	40.55	22846	82.24	1474	86.75
semi-pucca . . . . .	23164	22.17	2952	10.62	121	7.13
Katcha . . . . .	38957	37.28	1982	7.14	104	6.12
all . . . . .	104479	100.00	27780	100.00	1699	100.00

3.2 It is seen from the above statement that there is a preponderance of pucca and semi-pucca constructions in the urban areas.

3.3 An overwhelming majority of building constructions are carried out by households for their own use.

It can be seen from Statement 3.2 that the co-operative movement has not yet established itself in the country even in the urban sector. According to the state-wise estimates given in Table (2) of Part II, in most states no construction has been reported from this sector.

STATEMENT (3.2) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION BY OWNERSHIP TYPE : ALL INDIA

owner type	percentage of construction		
	rural	urban	cities
1. household for own use . . . . .	98.60	97.34	96.83
2. housing cooperative . . . . .	0.11	0.14	0.10
3. educational institution . . . . .	0.08	0.20	0.93
4. religious institution . . . . .	0.44	0.48	0.25
5. trust, club etc. . . . .	0.11	0.25	0.45
6. promoter /contractor . . . . .	0.01	0.29	0.45
7. others . . . . .	0.65	1.30	0.99
8. total . . . . .	100.00	100.00	100.00

3.4 *Expenditure on construction during 365 days preceding the day of enquiry* : Construction expenditure consists of expenditure on materials, labour and services. Statement 3.3 gives the annual expenditure

per construction work by major items of expenditure for pucca buildings and all buildings, at all India level for rural, urban and cities.

STATEMENT (3.3) : ANNUAL AVERAGE EXPENDITURE PER CONSTRUCTION BY MAJOR ITEMS FOR PUCCA AND ALL BUILDINGS FOR ALL INDIA RURAL AND URBAN SECTORS AND ALL FOUR CITIES POOLED

item	expenditure in rupees					
	rural		urban		cities	
	pucca buildings	all buildings	pucca buildings	all buildings	pucca buildings	all buildings
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. bricks (burnt) . . . . .	3808	1780	3029	2590	2918	2605
2. cement . . . . .	1765	763	3149	2627	4300	3791
3. wood and timber . . . . .	1224	784	1232	1100	1354	1193
4. iron and steel . . . . .	1185	515	2177	1800	3362	2920
5. materials total . . . . .	11773	6198	15815	13543	21150	18802
6. mason . . . . .	1272	636	2129	1800	2405	2127
7. carpenter . . . . .	259	158	345	306	483	430
8. unskilled labour . . . . .	865	496	1503	1286	2037	1803
9. labour total . . . . .	3035	1734	4579	3935	5919	5252
10. services total . . . . .	250	123	640	535	1243	7088
11. total expenditure . . . . .	15059	8055	21035	18014	28317	25146

3.5 It will be of interest to see the cost per square metre of floor area for construction of new buildings of each type of structure and its variation between rural,

urban and cities. The Statement 3.4 gives this information at all-India level for pucca, semi-pucca and katcha completed new buildings.

STATEMENT (3.4): AVERAGE COST OF CONSTRUCTION (IN RUPEES) PER SQUARE METRE OF FLOOR AREA ADDED FOR COMPLETED NEW BUILDINGS BY TYPE OF STRUCTURE: ALL-INDIA :RURAL, URBAN AND CITIES:

structure type	cost per square metre (rupees)		
	rural	urban	cities
pucca . . . . .	594	671	1363
semi-pucca . . . . .	205	278	995
katcha . . . . .	89	199	131
all . . . . .	324	617	1279

As expected, the cost of construction is highest in the metropolitan cities and the lowest in the rural areas. Table 5 of Part II will reveal the state-wise variation in the average cost per square metre of floor area.

3.6 Apart from data on expenditure on construction, both NBO and the Reserve Bank were interested in the

distribution of finance for building construction by various sources such as borrowings from employer, banks, money-lenders etc. and own resources. Data on finance were collected for the period of 365 days preceding the date of survey. The following Statement 3.5 gives the distribution of finance procured during the last 365 days by sources.

STATEMENT (3.5): PERCENTAGE DISTRIBUTION OF FINANCE PROCURED DURING THE LAST 365 DAYS BY SOURCE: ALL-INDIA RURAL URBAN AND CITIES.

source	rural		urban		cities	
	amount per construction (Rs.)	%	amount per construction (Rs.)	%	amount per construction (Rs.)	%
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>I. Borrowings</b>						
<b>(A) Non-financial Institutions</b>						
employer . . . . .	59	0.71	437	1.87	465	1.93
others . . . . .	82	0.99	324	1.38	288	1.19
total . . . . .	141	1.70	761	3.25	753	3.12
<b>(B) Financial Institutions ;</b>						
co-operative housing financing agencies . . . . .	40	0.48	264	1.13	158	0.66
co-operative banks/credit societies . . . . .	154	1.86	522	2.23	587	2.44
commercial banks . . . . .	195	2.35	1038	4.44	560	2.32
provident fund . . . . .	29	0.35	164	0.70	118	0.49
L.I.C. . . . .	8	0.10	162	0.70	47	0.19
other insurance companies . . . . .	3	0.04	19	0.08	24	0.10
money-lenders . . . . .	629	7.58	697	2.98	2205	9.15
total . . . . .	1058	12.76	2865	12.24	3699	15.35
<b>(C) Individuals</b>						
friends and relatives . . . . .	777	9.36	3603	15.39	2033	8.43
others . . . . .	173	2.08	437	1.87	1179	4.89
total . . . . .	950	11.45	4040	17.26	3212	13.33
borrowings total . . . . .	2149	25.91	7666	32.76	7664	31.80
<b>II. Own sources</b>						
savings . . . . .	3532	42.57	6863	29.32	10760	44.64
superannuation benefits . . . . .	259	3.12	1340	5.73	1247	5.17
sale of assets . . . . .	529	6.38	5171	22.09	1390	5.77
others . . . . .	1827	22.02	2363	10.10	3042	12.62
total . . . . .	6147	74.09	15737	67.24	16439	68.20
grand total . . . . .	8296	100.00	23404	100.00	24103	100.00

3.7 It can be seen that the role of institutional finance in building construction in the household sector is not, even now, very significant. As a proportion of total finance, it is of the same order in the rural

and urban sectors. Those who construct houses still depend mostly on own resources, past savings and sale of assets being the most important source for funds.

# A NOTE ON HOUSING CONDITION

## NSS 44TH ROUND (JULY 1988--JUNE 1989)

### SECTION - ONE

#### INTRODUCTION

1.0 Housing condition of the people is a very important indicators of the socio-economic development of the country. Statistical intelligence regarding housing condition in quantitative terms is essential for an assessment of the overall housing needs and also for the formulation of housing policies and programmes. Thus a regular flow of reliable data on housing condition has assumed greater importance to the Government and planning bodies to enable them to give proper attention to various housing problems of the day. The National Sample Survey Organisation (NSSO) in its 44th round (July 1988--June 1989), took up 'Housing Condition', amongst others, as one of the subjects of enquiry. NSSO started collecting data on this topic almost from its very inception. Data on the structural aspects of the dwelling units and basic housing amenities such as drinking water, latrine, sewage, lighting etc. available to them were collected from 7th round (October 1953--March 1954) to 23rd round (July 1968--June 1969) of NSS with the exceptions of 13th and 14th rounds. These were essentially exploratory surveys designed to give only a broad idea about the dimensions of the housing problems at the national level. The sample sizes in these rounds were not sufficiently large to throw up reliable estimates at state or lower level. In 28th round (October 1973--June 1974) of NSS however, a comprehensive survey on housing condition was carried out in the rural and urban areas of the country with a sample size of 1.2 lakh households with a view to providing reliable estimates at state/union territory level.

In this 44th round (July 1988--June 1989) of NSS a comprehensive survey on 'Housing Condition' was carried out in both rural and urban areas with a sample of around 75,000 households, (46,560 from rural sector and 29016 from urban sector).

1.1 The survey covered the whole of Indian union except Ladakh and Kargal districts of Jammu and Kashmir. The rural areas of Nagaland hitherto remained outside NSS coverage up to the 43rd round, has been covered in this round, but the results of the rural sector of Nagaland have not been included in

the report as the sample was not really representative of rural Nagaland. The rural all India estimates, too, exclude Nagaland.

1.2 The sampling design of the survey was stratified two-stage with census villages as the first stage units in the rural sector and urban frame survey (UFS) blocks as the first stage units in urban sector. Households were the second stage units for both rural and urban sectors. In the central sample altogether 7656 sample villages and 4819 urban sample blocks at all India level were selected. Six households were selected per sample village/block in each of which the schedule of enquiry 1.2 was canvassed.

7.3 Concepts and definitions adopted in this survey are explained in Section Two and sample design and estimation procedure are explained in Section Three. Summary findings are discussed in Section Four, while the detailed tables are given in Part II.

#### SECTION TWO

##### CONCEPTS AND DEFINITIONS

2.0 Some important concepts and definitions followed in this survey are given below :—

2.1 *Household* : A group of persons normally living together and taking food from a common kitchen constitutes a household. The members of household may or may not be related by blood to one another.

2.2 *Household size* : The number of normally resident members of a household is its size.

2.3 *Dwelling unit* : The dwelling unit, for the purpose of this survey means the accommodation being availed by the household for residential purposes.

2.4 The structures have been classified into three categories namely, pucca, semi-pucca and katcha on the basis of the materials used for construction.

2.4.1 *Pucca Structure* : A pucca structure is one whose outer walls and roofs at least are made of pucca materials. (Materials such as cement, concrete, oven burnt bricks, stone, stone blocks, galvanised iron, Zinc or other metal sheets, timber, corrugated iron, asbestos, cement sheet etc.).

2.4.2 *Katcha Structure* A katcha structure is one which has walls and roof made of non-pucca materials.

2.4.3 *Semi-pucca structure* : A semi-pucca structure is one which can not be classified as a pucca or a katcha structure as per definition.

2.4.4 *Bad structure* : If the building requires immediate major repair without which it may be unsafe for habitation and requires to be demolished or rebuilt it is considered as a bad structure.

2.5. *Building* : Building is a free-standing structure comprising of one or more rooms or other spaces covered by a roof and usually enclosed within external walls or dividing walls which extend from the foundation to the roof.

2.6 *Type of dwelling* : Dwellings have been classified into four types namely independent house, flat, chawl and others.

2.6.1 *Independent house* : It is a separate structure comprising of one or more rooms, with accessories, if any, built, re-built or converted to form a single housing unit. It must have a separate entrance from a road or a common ground or courtyard. A household is said to be living in an independent house if its dwelling accommodation is co-terminus with the entire household.

2.6.2. *Flat* is a self contained housing arrangement occupying a portion of a building. It consists of one or more rooms with normal housing facilities like water supply, bath and toilet for the exclusive use of a single household.

2.6.3 *Chawl* is a building with a number of tenements, generally single roomed, having a common corridor and common bathing and toilet facilities.

2.7 *Covered and uncovered verandah* : Verandah is a roofed space often without a door. It is generally used as an access to the room and is not walled from all sides. In other words, at least one side of a verandah will be either open or walled only to some height or protected by grill, net etc. A verandah, has been considered as "covered verandah" if it is protected from all sides and an "uncovered verandah" otherwise.

2.8 *Slum/bustee* : Slum/bustee is a compact area with a collection of poorly built tenements crowded together usually with inadequate sanitary and drinking water facilities.

2.9 *Room* : Room is a constructed area with walls or partitions on all sides with at least one door-way and a roof-overhead. Wall/partition means a continuous solid structure (except for the doors, windows, ventilators etc.) extending from floor to ceiling. A constructed space with grill or net on one or more sides in place of wall or partition has not been treated as a room. In case of conical shaped structures in which the roof itself is built to the floor level, the roof has been regarded also as walls.

2.9.1 *Living room* : A room has been regarded as a room for living purposes if it is used as bed-room, sitting room, reading room, prayer-room or dining room, Kitchen, bathroom, latrine, store, garage etc. are not treated as rooms for living purposes. A room used commonly, for living purposes together with kitchen or store has also been treated as room for living purposes. If room used for living purposes has a floor area (carpet area) of at least 4 square metres and a height of at least 2 metres from the floor to the highest point in the ceiling, it has been regarded as a living room. In other words, living room is a room used for living purposes having at least an inside area of 4 square metres and a height of 2 metres from the floor to the highest point in the ceiling.

2.9.2 *Other room* : Room which does not satisfy the definition of living room has been regarded as other room.

2.1.0 *Family Nuclei* : A family nucleus consists of either (i) a married couple with or without one or more never married children or (ii) one parent (i.e. father or mother) living with one or more never married children. A single parent in (ii) above may be currently married, separated, divorced or widowed. Number of such family nuclei among the household members was recorded. In case of polygamy, each wife forms a couple and hence contributes one family nucleus. In case of polyandry, the wife with all her husbands together forms one couple.

### SECTION THREE

#### SAMPLE DESIGN AND ESTIMATION PROCEDURE

3.1 *Sampling Design* : The sampling design was as usual stratified two stage with census villages as the first stage units in the rural sector and UFS blocks as the first stage units in the urban sector.

The sample villages were selected systematically with probability proportional to total population in the form of two independent sub-samples. In the case of rural areas of Nagaland the sample villages were selected in a purposive manner. The sample blocks were selected circular systematically with equal probability in the form of two independent sub-samples. Sample households were selected circular systematically. Statement (0) gives the distribution of sample villages blocks allotted and surveyed and the number of sample households surveyed for each state/u.t.

3.2 Survey period and Sub-round formation :—The survey started from July, 1988 and continued up to June, 1989. The entire survey period of one year was divided into four sub-rounds each of three months

duration as follows :

sub-round number	Period
1	July—September '88
2	October—December '88
3	January—March '89
4	April—June '89

Equal number of sample villages and blocks were allocated for survey in each of these sub-rounds. The results based on the pooled data for all the sub-rounds taken together would account for all seasonal variation and thus would be free from seasonal effects.

3.3 Estimation procedure : The formula for  $\hat{Y}$ , the unbiased estimate of aggregates of any characteristic Y, (the state total of any variate) is given by

$$\hat{Y} = \sum_s \frac{P_s}{n_s} \sum_{j=1}^{n_s} \frac{D_{sj}}{c_{sj}} \frac{1}{P_{si}} \frac{H_{si}}{h_{si}} \sum_{j=1}^{h_{si}} y_{sij}$$

for rural sector (for all states uts) except Nagaland

$$\hat{Y} = \sum_s \frac{N_s}{n_s} \sum_i D_{si} \frac{H_{si}}{h_{si}} \sum_{j=1}^{h_{si}} Y_{sij}$$

for urban sector

Where

- S : Subscript for state /u.t./region  
s : " " stratum  
i : " " sample village/block  
j : " " sample household  
t : " " sub-stratum  
P : total frame population of stratum in rural sector  
p : population of sample village (used for selection)  
N : total number of urban blocks in frame in urban stratum.  
n : number of sample villages/blocks available for tabulation including depopulated and other zero cases in rural/urban stratum (excluding casualty and other not received cases). This will denote the sum of the general and special sample villages for schedules canvassed in both types of sample.  
D : number of hamlet-groups in area type 2/sub-block formed  
c : number of census villages in surveyed revenue village  
H : total no. of households listed  
h : number of households surveyed  
x, y : values of any characters.  
X, Y : aggregate of x, y  
R : any ratio in the form Y/X

STATEMENT (0) : NUMBER OF VILLAGES AND URBAN BLOCKS ALLOTTED AND SURVEYED AND NUMBER OF SAMPLE HOUSEHOLDS SURVEYED

srl. no.	state/union territories	rural			urban		
		no. of sample villages		no. of sample household surveyed	no. of sample blocks		no. of sample household surveyed
		allotted	surveyed		allotted	surveyed	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	536	536	3,160	344	344	2,050
2.	Assam	296	265	1,567	3,160	120	668
3.	Bihar	672	672	3,981	216	215	1,276
4.	Gujarat	216	216	1,295	216	216	1,290
5.	Haryana	160	160	959	80	80	478
6.	Himachal Pradesh	184	167	973	48	48	288
7.	Jammu & Kashmir	416	411	2,426	200	200	1,200
8.	Karnataka	280	280	1,664	232	232	1,392
9.	Kerala	344	344	2,063	144	144	864
10.	Madhya Pradesh	392	392	2,285	280	280	1,615
11.	Maharashtra	480	480	2,878	552	552	3,298
12.	Manipur	72	72	431	72	72	428
13.	Meghalaya	88	88	512	48	48	279
14.	Nagaland	—	—	—	32	32	192
15.	Orissa	216	214	1,261	120	119	713
16.	Punjab	360	360	2,130	256	256	1,536
17.	Rajasthan	264	263	1,570	176	176	1,044
18.	Sikkim	80	80	475	24	24	144
19.	Tamil Nadu	488	488	2,921	434	424	2,534
20.	Tripura	120	108	649	48	45	270
21.	Uttar Pradesh	1168	1165	6,927	496	496	2,937
22.	West Bengal	456	451	2,666	368	363	2,174
23.	Andaman & Nicobar Is.	72	72	417	32	32	192
24.	Arunachal Pradesh	80	80	428	20	20	119
25.	Chandigarh	8	8	64	16	16	90
26.	Dadra & Nagar Haveli	24	24	144	4	4	24
27.	Delhi	16	16	90	160	160	957
28.	Goa	24	24	138	16	16	96
29.	Lakshadweep	16	16	96	12	12	72
30.	Mizoram	88	88	526	48	48	287
31.	Pondicherry	32	32	192	24	24	140
32.	Daman & Diu	8	8	48	8	8	48
33.	All India	7656	7580	44936	4836	4,819	28,690

#### SECTION FOUR SUMMARY OF FINDINGS

4.0 Some general findings on various aspects of housing condition based on the results of the 44th round survey on housing condition are given below in the following paragraphs.

4.1 Average household size and average number of family nuclei : per household : Based on the survey data, average household size and average number of family nuclei per household are presented in statement-I for each state/u.t. both for rural and urban areas. It is seen that the average number of persons per household in rural India is 5.50 while the cor-

responding average in urban India is 5.03. The average household size is the lowest in Chandigarh for both rural and urban sectors and the highest in Jammu & Kashmir (6.47) in rural sector and in Manipur (6.28) in urban sector.

The average number of family nuclei 1.23 in rural India, the corresponding number in urban India is 1.09. Like average household size, average number of family nuclei per household is also lowest in Chandigarh, (0.59 in rural and 0.71 in urban). It is highest in Haryana (1.45) in rural sector and in Lakshadweep 1.61 in urban sector. The average is less than 1, in some places because men may live away from their wives.

4.2.1 Distribution of dwellings (households) by type of structure :—The type of structure of the building is an important indicator for studying prevailing housing condition. It is seen from statement-II that in rural India 39.35% of households were reported to live in katcha structures. In the Eastern and North-Eastern states/u.ts. of India, majority of the rural households live in katcha structure. Their proportion is more than 80% in Tripura (82.48%) and Arunachal Pradesh (83.79%). On the other hand, in the other Himalayan states of Sikkim, Himachal Pradesh and Jammu & Kashmir, the proportion of katcha dwellings is only 29.5%, 10.03% and 23.77% respectively. The share of semi-pucca and pucca dwellings to total rural dwellings are about 34% and 27% respectively.

STATEMENT (I) : AVERAGE HOUSEHOLD SIZE AND AVERAGE NUMBER OF FAMILY NUCLEI FOR EACH STATE/U.T. AND ALL-INDIA FOR RURAL AND URBAN SECTOR

srl. no.	state/u.t.	average size of household		average no. of family nuclei	
		rural	urban	rural	urban
(0)	(1)	(2)	(3)	(4)	(5)
1.	Andhra Pradesh	4.72	4.59	1.10	1.00
2.	Assam	6.23	4.77	1.15	1.05
3.	Bihar	5.99	5.57	1.33	1.13
4.	Gujarat	5.85	5.21	1.22	1.10
5.	Haryana	6.35	5.14	1.45	1.13
6.	Himachal Pradesh	5.68	4.38	1.27	1.11
7.	Jammu & Kashmir	6.47	5.80	1.33	1.20
8.	Karnataka	5.72	5.30	1.21	1.05
9.	Kerala	5.32	5.14	1.22	1.20
10.	Madhya Pradesh	5.56	5.20	1.29	1.23
11.	Maharashtra	5.18	4.94	1.21	1.11
12.	Manipur	6.19	6.28	1.17	1.12
13.	Meghalaya	5.59	4.45	1.02	0.93
14.	Nagaland	—	4.57	—	1.04
15.	Orissa	5.14	4.60	1.15	1.05
16.	Punjab	5.68	5.05	1.23	1.12
17.	Rajasthan	5.75	5.43	1.29	1.21
18.	Sikkim	5.84	5.89	1.12	1.23
19.	Tamil Nadu	4.38	4.53	1.04	1.01
20.	Tripura	5.06	4.57	1.08	0.91
21.	Uttar Pradesh	5.85	5.53	1.32	1.17
22.	West Bengal	5.47	4.75	1.18	1.01
23.	Andaman & Nicobar Island	4.88	3.97	0.95	0.81
24.	Arunachal Pradesh	4.92	4.57	1.09	1.52
25.	Chandigarh	3.84	3.43	0.59	0.71
26.	Dadra & Nagar Haveli	4.93	4.04	1.05	0.95
27.	Daman & Diu	5.77	5.47	1.01	1.08
28.	Delhi	6.19	4.68	1.26	1.06
29.	Goa	4.96	4.53	0.99	0.89
30.	Lakshadweep	5.26	6.20	1.18	1.61
31.	Mizoram	5.92	5.71	1.07	1.27
32.	Pondicherry	4.79	5.04	1.04	1.08
33.	All-India	5.50	5.03	1.23	1.09



STATEMENT (II): PERCENTAGE DISTRIBUTION OF DWELLING UNIT BY TYPE OF STRUCTURE WITH PROPORTION OF UNIT IN BAD CONDITION WITHIN EACH TYPE FOR EACH STATE/UT, AND ALL-INDIA

RURAL

srl. no.	state/union territories	pucca		semi-pucca		katcha	
		percentage of dwelling	proportion (%) in bad condition	percentage of dwelling	proportion (%) in bad condition	percentage of dwelling	proportion (%) in bad condition
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh	29.52	2.51	24.57	11.50	45.91	39.12
2.	Assam	8.13	2.67	16.48	4.24	75.39	48.86
3.	Bihar	18.35	7.40	28.48	16.33	53.17	41.45
4.	Gujarat	34.14	3.62	47.89	17.99	17.97	40.34
5.	Haryana	76.14	3.93	10.04	28.98	13.82	34.02
6.	Himachal Pradesh	38.86	2.72	51.11	9.65	10.03	52.38
7.	Jammu & Kashmir	28.38	4.34	47.85	13.13	23.77	22.19
8.	Karnataka	24.32	11.04	51.23	8.45	24.45	49.62
9.	Kerala	50.07	3.14	23.06	13.23	26.87	64.44
10.	Madhya Pradesh	12.07	0.33	69.37	9.32	18.56	44.55
11.	Maharashtra	32.58	7.85	49.25	13.24	18.17	51.93
12.	Manipur	0.72	0.00	27.58	4.24	71.70	30.34
13.	Meghalaya	24.44	0.80	18.55	3.18	57.01	7.81
14.	Nagaland	—	—	—	—	—	—
15.	Orissa	9.36	4.74	19.18	11.15	71.43	44.02
16.	Punjab	67.08	5.26	14.82	26.54	18.10	51.76
17.	Rajasthan	38.39	3.11	25.34	14.36	36.27	33.00
18.	Sikkim	30.72	0.00	39.53	2.77	29.75	71.60
19.	Tamil Nadu	31.15	3.83	22.73	16.09	46.12	42.53
20.	Tripura	3.29	19.23	14.23	5.73	82.48	40.80
21.	Uttar Pradesh	28.16	3.57	27.38	13.92	44.46	40.50
22.	West Bengal	13.38	5.50	32.76	18.77	53.86	37.52
23.	Andaman & Nicobar Islands	38.92	8.13	16.77	20.75	44.31	32.14
24.	Arunachal Pradesh	2.53	0.00	13.68	0.00	83.79	9.48
25.	Chandigarh	75.31	4.05	8.79	22.22	15.90	87.50
26.	Dadra & Nagar Haveli	22.82	0.00	66.27	7.35	10.91	60.00
27.	Daman & Diu	41.38	0.00	49.17	15.67	9.45	100.00
28.	Delhi	86.17	3.44	12.52	36.84	1.31	0.00
29.	Goa	33.11	0.00	61.74	8.54	5.15	75.71
30.	Lakshadweep	84.36	0.00	13.25	20.00	2.39	100.00
31.	Mizoram	3.88	3.85	45.52	22.02	50.60	30.26
32.	Pondicherry	26.98	2.24	16.37	15.74	56.65	49.47
33.	All-India	27.15	4.08	33.50	13.42	39.35	41.88

STATEMENT (II) (contd.): PERCENTAGE DISTRIBUTION OF DWELLING UNIT BY TYPE OF STRUCTURE WITH PROPORTION OF UNITS IN BAD CONDITION WITHIN EACH TYPE FOR EACH STATE/U.T. AND ALL INDIA

srl. no.	state/ u.t.	URBAN					
		pucca		semi-pucca		katcha	
		percentage of dwelling	proportion (%) in bad condition	percentage of dwelling	proportion (%) in bad condition	percentage of dwelling	proportion (%) in bad condition
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh	61.71	2.34	16.43	15.99	21.86	51.55
2.	Assam	38.68	0.14	27.39	10.49	33.93	58.33
3.	Bihar	66.50	4.69	17.71	16.80	15.79	49.29
4.	Gujarat	81.77	1.52	15.11	24.02	3.12	63.86
5.	Haryana	93.47	3.75	4.15	42.27	2.38	74.18
6.	Himachal Pradesh	69.77	1.41	27.61	12.69	2.62	52.63
7.	Jammu & Kashmir	75.97	1.49	18.63	18.06	5.40	33.33
8.	Karnataka	62.66	1.85	26.70	10.36	10.64	56.65
9.	Kerala	68.66	1.59	17.55	19.63	13.79	70.11
10.	Madhya Pradesh	55.06	2.07	35.21	15.08	9.73	48.53
11.	Maharashtra	74.69	5.12	19.66	25.08	5.64	74.68
12.	Manipur	8.99	0.00	49.30	1.70	41.71	34.98
13.	Meghalaya	65.62	0.97	24.15	7.48	10.23	21.54
14.	Nagaland	55.74	3.62	34.8	6.33	9.43	42.86
15.	Orissa	53.15	2.87	17.39	21.45	29.46	63.92
16.	Punjab	88.97	5.10	7.78	44.11	3.25	50.00
17.	Rajasthan	87.11	2.98	6.93	28.35	5.95	37.05
18.	Sikkim	81.97	0.00	11.26	16.67	6.77	28.57
19.	Tamil Nadu	64.06	1.91	17.38	19.90	18.56	53.74
20.	Tripura	26.50	3.05	25.94	2.31	47.56	35.86
21.	Uttar Pradesh	74.93	5.05	15.12	31.90	9.95	54.26
22.	West Bengal	73.27	15.07	20.00	40.37	6.76	53.33
23.	Andaman & Nicobar Island	87.16	7.52	9.74	20.00	3.10	40.00
24.	Arunachal Pradesh	42.76	0.00	25.39	0.00	31.85	18.75
25.	Chandigarh	95.04	0.00	4.96	15.94	0.00	0.00
26.	Dadra & Nagar Haveli	82.58	0.00	17.42	0.00	0.00	0.00
27.	Daman & Diu	88.22	0.00	6.20	66.66	5.58	0.00
28.	Delhi	89.10	6.04	8.70	45.90	2.20	96.21
29.	Goa	57.47	0.00	38.76	15.79	3.77	84.62
30.	Lakshadweep	99.05	3.26	0.95	0.00	0.00	0.00
31.	Mizoram	26.65	0.00	68.30	1.15	5.05	7.69
32.	Pondicherry	40.08	0.56	8.95	17.50	50.97	64.54
33.	All-India	71.08	4.60	18.00	22.99	10.92	55.71

4.2.2 Statement II reveals that dwellings in urban sector are predominantly pucca structure and an estimated 71 per cent of households, have their residence in such structures. More than 70% of households of Gujarat, Haryana, Jammu & Kashmir, Maharashtra, Punjab, Rajasthan, Sikkim, Uttar Pradesh, West Bengal, Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Delhi and Lakshadweep have their abodes in pucca structures. In Chandigarh, Dadra & Nagar Haveli and Lakshadweep, no households had reported to live in katcha structure. In urban India only 11%

of households reported katcha dwellings, while 18% reported semi-pucca dwellings.

4.3 *Conditions of the structure of the dwellings* :- It is further seen from Statement II that in both the sectors the highest proportion of bad structures as can be expected, occur in the katcha category. In fact, katcha houses even if not classified as "bad", provide the least shelter and are the most susceptible to the ravages of both natural calamities and social upheavals. A proper housing policy should aim at replacing them by pucca or at least semi-pucca ones. Bad houses in the pucca and semi-pucca categories

call for immediate attention. However, in these categories, the proportion of such houses is relatively small. Out of all households living in katcha house the proportion of households living in bad katcha houses is the highest in the rural sector of Daman & Diu and Lakshadweep (100%). At all India level, the proportion of households living in bad katcha houses is 42% in the rural sector and 56% in the urban sector.

4.4 *Households living in slum/bustee area* :—From the definition of slum/bustee area, it is clear that to know the prevailing housing condition in India, there is need for information about slum/bustee dwellers. It is observed from Statement-III that 6% of the rural households lived in slum/bustee area, and of them 47% in katcha structures. Percentage of households living in slum/bustee area of rural Arunachal

Pradesh is maximum (48.55%), followed by Pondicherry (28.93%). In urban India 14.68% of households were slum/bustee dwellers, of whom 26.02% lived in katcha structures. It is seen that slum/bustee dwellers living in katcha structure are predominant in the rural areas of the following states/u.t. Andhra Pradesh (65.12%), Assam (72.99%), Orissa (79.47%), Tamil Nadu (62.36%), Tripura (80.00%), West Bengal (71.90%), Andaman & Nicobar Islands (100.00%) and Arunachal Pradesh (96.89%), Mizoram (79.06%) and Pondicherry (73.14%). Among the slum/bustee dwellers in urban India, less than 50% resided in katcha structures. The exceptions are Assam, Manipur and Arunachal Pradesh in North-East India and Tamil Nadu and Pondicherry in the south.

STATEMENT (III): PERCENTAGE OF HOUSEHOLDS LIVING IN SLUM/BUSTEE AREA AND THEIR PROPORTION LIVING IN KATCHA STRUCTURE FOR EACH STATE/U.T. AND ALL-INDIA FOR RURAL AND URBAN SECTORS

srl. no.	state/union territories	rural		urban	
		percentage of households living in slum/bustee area	percentage of slum/bustee-dwellers living in katcha structure	percentage of households living in slum/bustee area	percentage of slum/bustee dwellers living in katcha structure
(0)	(1)	(2)	(3)	(4)	(5)
1.	Andhra Pradesh	6.68	65.12	18.23	48.00
2.	Assam	15.03	72.99	12.02	66.64
3.	Bihar	6.81	53.30	15.72	36.64
4.	Gujarat	4.65	15.05	10.86	15.93
5.	Haryana	2.03	15.27	4.90	19.18
6.	Himachal Pradesh	5.42	5.90	4.31	13.69
7.	Jammu & Kashmir	2.22	12.16	2.57	18.29
8.	Karnataka	7.38	41.06	16.94	26.56
9.	Kerala	1.67	28.17	4.28	20.09
10.	Madhya Pradesh	8.09	22.25	18.09	20.51
11.	Maharashtra	12.49	26.74	25.42	14.04
12.	Manipur	10.60	82.36	3.13	80.83
13.	Meghalaya	4.96	58.06	5.03	42.35
14.	Nagaland	—	—	0.44	0.00
15.	Orissa	6.38	79.47	19.07	49.92
16.	Punjab	3.47	20.75	6.28	8.76
17.	Rajasthan	5.36	39.74	8.06	16.75
18.	Sikkim	7.63	50.59	0.63	0.00
19.	Tamil Nadu	6.27	62.36	9.23	58.83
20.	Tripura	8.85	80.00	8.30	26.14
21.	Uttar Pradesh	3.66	50.55	9.53	26.34
22.	West Bengal	3.95	71.90	17.60	13.64
23.	Andaman Nicobar Islands	1.01	100.00	3.71	19.14
24.	Arunachal Pradesh	48.55	96.89	16.48	71.72
25.	Chandigarh	0.00	0.00	0.00	0.00
26.	Dadra & Nagar Haveli	5.19	23.12	11.16	0.00
27.	Daman & Diu	9.89	27.91	0.00	0.00
28.	Goa	0.00	0.00	7.11	28.13
29.	Lakshadweep	1.14	0.00	1.08	0.00
30.	Mizoram	10.17	79.06	2.75	0.00
31.	Pondicherry	28.93	73.14	29.17	88.07
32.	All-India	6.25	47.04	14.68	26.02

4.5 *Distribution of households by type of dwellings* :—Statement-IV shows that housing in rural and urban India consists predominantly of independent houses. As estimated, 83% of rural households and 52% of urban households live in independent houses. In cities (namely Bombay, Delhi, Madras & Calcutta) most of the households live in flats (30.97%) and in chawls (28.09%) unlike in rural and the rest of urban India.

4.6 *Sources of drinking water* :—Availability of drinking water is one of the most basic human needs. Statement-V shows to what extent the rural, urban and city-dwellers depend on various sources for drinking water. It is observed that only 15% of the rural households at all India level use tap as the major source of drinking water, while the corresponding percentages for well and tube well/hand pump are 39%.

STATEMENT (IV): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLING

srl. no.	type of dwelling	all-India		cities (pooled)
		rural	urban	
(1)	(2)	(3)	(4)	(5)
1.	no dwelling	0.01	0.07	—
2.	independent house	82.63	52.41	21.13
3.	flat	2.72	17.10	30.97
4.	chawl	2.98	10.77	28.09
5.	others	11.06	19.65	19.81
6.	total	100.00	100.00	100.00

STATEMENT(V): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE OF DRINKING WATER

srl. no.	source of drinking water	all-India		cities(pooled)
		rural	urban	
(1)	(2)	(3)	(4)	(5)
1.	tap	15.47	72.11	81.21
2.	well	39.12	9.17	2.10
3.	tube-well, hand pump	39.10	17.20	14.98
4.	tank/pond	2.19	0.28	—
5.	river, canal and lake	2.42	0.32	—
6.	springs	1.38	0.17	—
7.	others	0.32	0.74	1.61
8.	total	100.00	100.00	100.00

Unlike in rural sector, the households living in urban areas and cities have the civic water supply system (tap) as the major source of drinking water. In urban India and cities, the percentage of households depending on tap water are observed to be around 72 and 81 respectively. For well and tube-well/hand pump, the corresponding percentages are 9 and 17 respectively in urban India while the corresponding percentages in cities are 2 and 15.

4.7 Statement VI gives the proportion of rural households reporting tap as the major source of

drinking water. This indicates the extent of which portable water supply schemes have reached the villages. Apart from the small states and uts., the most progressive states in this respect are Gujarat, Himachal Pradesh, Sikkim, Andaman & Nicobar Islands, Arunachal Pradesh, Chandigarh, Delhi and Pondicherry. Orissa is the poorest state in this respect, closely, followed by Bihar and West Bengal. In rural Lakshadweep, tap as the source of drinking water does not exist.

STATEMENT (VI): PROPORTION OF RURAL HOUSEHOLD (%) DRINKING TAP WATER FOR EACH STATE/U.T. FOR RURAL SECTOR

srl. No.	state/union territories	proportion of households
(1)	(2)	(3)
1.	Andhra Pradesh	12.69
2.	Assam	5.67
3.	Bihar	2.89
4.	Gujarat	48.53
5.	Haryana	32.90
6.	Himachal Pradesh	73.18
7.	Jammu & Kashmir	41.83
8.	Karnataka	21.28
9.	Kerala	11.29
10.	Madhya Pradesh	6.77
11.	Maharashtra	33.99
12.	Manipur	24.56
13.	Meghalaya	25.67
14.	Nagaland	—
15.	Orissa	0.44
16.	Punjab	12.84
17.	Rajasthan	18.36
18.	Sikkim	55.78
19.	Tamil Nadu	29.36
20.	Tripura	12.74
21.	Uttar Pradesh	6.70
22.	West Bengal	3.63
23.	Andaman & Nicobar Islands	61.27
24.	Arunachal Pradesh	70.82
25.	Chandigarh	78.79
26.	Dadra & Nagar Haveli	21.26
27.	Daman & D.u	30.48
28.	Delhi	61.86
29.	Goa	23.74
30.	Lakshadweep	0.00
31.	Mizoram	9.69
32.	Pondicherry	84.09
33.	All India	15.46

4.8 *Type of latrine used* :—Latrine condition in rural India is disastrous even to day. It is seen from Statement VII that 90% of the rural households don't have any latrine and perhaps, use open field as latrine. Even in urban India more than 30% of the households do not have any latrine. In cities flush system of latrine is very common, about 60 per cent of house-

holds use flush system while in urban India as a whole about 27% have this system. Though the incidence of service latrine (the worst curse of urban life) is only 7% in the cities, it is still as high as 12% in the urban sector as a whole. This incidence in smaller towns is therefore, even higher.

STATEMENT (VII): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE

srl. no.	type of latrine	all-India		cities(pooled)
		rural	urban	
(1)	(2)	(3)	(4)	(5)
1.	no latrine	89.25	31.11	10.84
2.	flush system	1.06	26.98	59.42
3.	septic tank	3.70	25.87	21.48
4.	service latrine	1.62	11.75	6.76
5.	others	4.37	4.29	1.50
6.	total	100.00	100.00	100.00

4.9 *Proportion of households residing in electrified dwellings* :—Statement-VIII presents the percentage of households staying in electrified dwellings for each state/u.t. and all-India. It is seen that in rural India about 27% of households have electricity and in urban India the corresponding proportion is 75%. As expected, the percentage of households staying in electrified dwellings is higher in urban sector in comparison to the rural sector in respect of all states/uts, but in the rural sector of a few states namely Assam, Bihar, Orissa, Uttar Pradesh and West Bengal, the position is really bad with only 8.67%, 4.52%, 10.71%, 8.9% and 5.51% of households living in electrified dwellings.

Though the percentage of households staying in electrified dwellings in rural sector of southern states of Andhra Pradesh, Karnataka, Kerala, and Tamil

Nadu, are found to be more than the all-India average, still less than half of the rural households of these states are deprived of this facility. It is seen that rural electrification is not yet satisfactory in most of the states. About 75% of the urban households stay in electrified dwellings, the Western and Northern states (except Uttar Pradesh), have the percentage of households staying in electrified dwellings greater than the all-India average, while in all the eastern and southern states/u.ts. except Orissa, Karnataka, north-eastern states and Andaman Nicobar Islands, it is less than the all-India average. In the matter of electrification, especially rural electrification, the four major eastern states viz Orissa, West Bengal, Bihar and Assam show by far the poorest performance despite this region being rich in natural resources of coal and water power.

STATEMENT (VIII): PROPORTION OF HOUSEHOLDS RESIDING IN ELECTRIFIED DWELLINGS FOR EACH STATE/ U.T. AND ALL INDIA FOR RURAL AND URBAN SECTORS

srl. no.	state/union territory	proportion of household(%)	
		rural	urban
(1)	(2)	(3)	(4)
1.	Andhra Pradesh		
2.	Assam		
3.	Bihar	8.67	72.73
4.	Gujarat	4.52	69.05
5.	Haryana	49.28	60.46
6.	Himachal Pradesh	56.75	84.51
7.	Jammu & Kashmir	83.91	92.14
8.	Karnataka	71.20	97.56
9.	Kerala	36.28	96.50
10.	Madhya Pradesh	42.14	75.48
11.	Maharashtra	29.74	71.31
12.	Manipur	45.91	73.43
13.	Meghalaya	29.82	83.81
14.	Nagaland	27.90	83.91
15.	Orissa	—	93.12
16.	Punjab	10.71	92.75
17.	Rajasthan	71.59	61.57
18.	Sikkim	21.83	91.64
19.	Tamil Nadu	57.53	79.43
20.	Tripura	43.03	92.83
21.	Uttar Pradesh	17.28	74.94
22.	West Bengal	8.94	90.48
23.	Andaman & Nicobar Islands	5.51	67.16
24.	Arunachal Pradesh	52.30	63.36
25.	Chandigarh	21.68	86.55
26.	Dadra & Nagar Haveli	91.96	77.79
27.	Daman & Diu	50.76	95.98
28.	Delhi	86.08	95.55
29.	Goa	91.48	97.79
30.	Lakshadweep	78.31	87.04
31.	Mizoram	97.68	89.96
32.	Pondicherry	26.56	100.00
33.	All-India	41.46	92.80
		26.92	75.12

4.10 *Ownership of dwelling unit* :—Housing is a critical problem in our country. To see the extent of its severity, it is necessary to study the ownership position of the dwelling units. It is evident from the results given in statement-ix that in rural India most of the households (91.25%) resides in their own houses, while the corresponding percentage in urban India and cities are 54.74% and 43.43% respectively. People from different parts of India usually come to cities for enjoying the facilities available there, as a result of which 47.70% of households residing in city are tenants. In rural India, this percentage is

negligibly small viz. 3.33%.

4.11 *Distribution of households staying in rented houses* :—Statement-X and statement XI present the proportion of households living in rented houses and average monthly rent (actual) per household for each state/ut, all-India of urban sector and for the four metropolitan cities. It is seen that 36.93% of the urban households resided in rented houses. Less than 50 percent of urban households for each state/ut except Sikkim and Chandigarh are residing in rented houses.

STATEMENT (IX): PERCENTAGE OF DISTRIBUTION OF HOUSEHOLDS BY OWNERSHIP OF DWELLING UNIT

srl. no.	ownership of dwelling unit	all-India		cities(pooled)
		rural	urban	
(1)	(2)	(3)	(4)	(5)
1.	owned	91.22	54.69	43.43
2.	hired	3.33	37.03	47.70
3.	others	5.42	8.33	8.87
4.	total	100.00	100.0	100.00

STATEMENT (X): PERCENTAGE OF HOUSEHOLDS LIVING IN RENTED HOUSES AVERAGE MONTHLY RENT FOR EACH STATE/U.T. AND ALL-INDIA FOR URBAN SECTORS

srl. no.	state/union territories	percentage of households living in rented house	average monthly rent per household(Rs. 0.00)
		(3)	(4)
(1)	(2)		
1.	Andhra Pradesh		
2.	Assam	41.90	185.61
3.	Bihar	37.80	191.95
4.	Gujarat	39.58	135.94
5.	Haryana	36.54	168.70
6.	Himachal Pradesh	27.50	211.00
7.	Jammu & Kashmir	46.22	136.09
8.	Karnataka	12.17	164.15
9.	Kerala	40.08	200.16
10.	Madhya Pradesh	13.26	207.34
11.	Maharashtra	29.63	291.54
12.	Manipur	42.03	112.32
13.	Meghalaya	5.86	271.75
14.	Nagaland	43.97	197.54
15.	Orissa	40.00	237.25
16.	Punjab	40.62	135.91
17.	Rajasthan	27.60	176.18
18.	Sikkim	27.40	167.01
19.	Tamil Nadu	74.76	285.47
20.	Tripura	45.47	149.80
21.	Uttar Pradesh	37.82	209.08
22.	West Bengal	29.47	147.87
23.	Andaman & Nicobar Islands	42.94	105.30
24.	Arunachal Pradesh	49.68	223.17
25.	Chandigarh	8.97	302.70
26.	Dadra & Nagar Haveli	73.41	164.25
27.	Daman & Diu	40.00	177.29
28.	Delhi	6.39	321.50
29.	Goa	37.05	336.80
30.	Lakshadweep	39.07	232.97
31.	Mizoram	18.75	120.31
32.	Pondicherry	28.30	277.24
33.	All-India	25.53	315.11
		36.93	164.43

Average monthly rent per household living in rented house is estimated as Rs. 164.43 in urban India. Average monthly rent is maximum in Delhi (Rs. 336.80) and minimum in West Bengal (Rs. 105.30). Among the four metropolitan cities, about 56% of the households of Calcutta and Madras reside in rented houses, while the corresponding percentages for Bombay and Delhi are 48.00 and 37.06 respectively as evident from Statement XI.

4.12 Some key estimates obtained from the present survey are compared with similar estimates obtained from the consumer expenditure surveys of three recent NSS rounds viz. 38th, 42nd and 43rd rounds and are presented in Statement XII. It is observed that proportion of households living in pucca dwellings has in-

creased over time while proportion of households living in katcha dwellings has decreased steadily. Estimates based on 44th round survey data, show a significant increase in pucca dwellings, especially in the urban sector. No substantial change over the rounds in the proportion of households living in rented houses is observed. It is surprising to note that in rural India proportion of households using tap as the major source of drinking water has decreased marginally, in comparison to 42nd round survey result. Proportion (%) of households having no latrine has marginally decreased by 4% in rural India and by 15.5% in urban India. No significant improvement in both rural and urban sectors is observed in the matter of electrification.

STATEMENT (XI): PERCENTAGE OF HOUSEHOLDS LIVING IN RENTED HOUSE, AVERAGE MONTHLY RENT FOR EACH OF THE FOUR METROPOLITAN CITIES.

srl. no.	cities	percentage of living in rented house	average monthly rent(Rs. 0.00)
(1)	(2)	(3)	(4)
1.	Bombay	48.00	102.27
2.	Calcutta	56.12	101.22
3.	Delhi	37.06	336.80
4.	Madras	56.76	228.81

STATEMENT (XII): SOME KEY ESTIMATES ON HOUSING CONDITION FROM NSS 38TH, 42ND, 43RD AND 44TH ROUNDS.

characteristic	ALL-INDIA							
	proportion (%) of households possessing							
	rural				urban			
	round number							
(1)	38	42	43	44	38	42	43	44
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<b>I. type of structure</b>								
pucca	16.66	17.22	19.46	27.15	57.60	57.25	57.93	71.08
semi-pucca	32.53	33.13	31.90	33.50	25.88	25.71	24.30	18.00
katcha	50.81	49.65	48.64	39.35	16.52	17.04	17.77	10.92
<b>II. living in rented houses</b>								
	N.A.	N.A.	2.90	3.33	37.60	N.A.	36.10	37.03
<b>III. tap as a major source of drinking water</b>								
	N.A.	16.14	N.A.	15.47	N.A.	72.07	N.A.	72.11
<b>IV. latrine type</b>								
no latrine	91.41	N.A.	N.A.	89.25	36.82	N.A.	N.A.	31.11
service latrine	2.29	N.A.	N.A.	1.62	18.08	N.A.	N.A.	11.75
<b>V. electrified dwellings</b>								
	—	26.04	—	26.92	N.A.	72.93	N.A.	75.12

N.A.:—Not available.



## PART II

# SURVEY RESULTS

1. Results on the Exploratory Survey on Construction Scheme - A : NSS 35th Round (July 1980—June 1981)
2. Results on Building Construction : NSS 44th Round (July 1988—June 1989)
3. Results on Housing Condition : NSS 44th Round (July 1988—June 1989)

# Results on the Exploratory Survey on Construction (Scheme-A)

NSS 35th Round (July 1980—June 1981)

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TABLE (1) NUMBER OF SAMPLE CONSTRUCTION WORKS SURVEYED BY CONSTRUCTION TYPE

States/U.Ts.	number of surveyed constructions			
	new building	additional alteration and improvements of building	non-building	all
	(1)	(2)	(3)	(4)
1. Andhra Pradesh	262	156	251	669
2. Assam	18	9	15	42
3. Bihar	258	92	38	388
4. Gujarat	72	81	4	157
5. Haryana	63	50	7	120
6. Himachal Pradesh	92	50	22	164
7. Jammu & Kashmir	150	90	11	251
8. Karnataka	179	91	55	325
9. Kerala	298	255	310	863
10. Madhya Pradesh	272	95	119	486
11. Maharashtra	179	128	49	356
12. Manipur	25	3	0	28
13. Meghalaya	3	6	0	9
14. Orissa	63	26	47	136
15. Punjab	220	220	76	516
16. Rajasthan	168	152	137	457
17. Tamil Nadu	318	170	69	557
18. Tripura	1	0	0	1
19. Uttar Pradesh	311	281	95	687
20. West Bengal	117	96	64	277
21. Arunachal Pradesh	5	2	0	7
22. Goa, Daman & Diu	4	2	2	8
23. Mizoram	24	0	2	26
24. Pondicherry	16	12	0	28
25. All India	3118	2067	1373	6558

TABLE (2): DISTRIBUTION OF SAMPLE CONSTRUCTION WORKS WHICH COULD NOT BE SURVEYED BY SUBSTRATUM AND REASONS FOR CASUALTY

State/U·T·	building construction works							non-building construction works						
	reason for casualty (code)													
	1	2	3	4	5	9	all	1	2	3	4	5	9	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1· Andhra Pradesh . . .	1	8	—	2	—	14	25	2	3	—	—	—	3	8
2· Assam . . . . .	1	—	—	—	—	—	1	2	1	—	—	—	—	3
3· Bihar . . . . .	1	2	—	—	—	6	9	—	—	—	—	—	3	3
4· Gujarat . . . . .	—	6	—	3	—	—	9	—	—	—	—	—	—	—
5· Haryana . . . . .	—	—	1	—	—	—	1	—	—	—	—	—	—	—
6· Himachal Pradesh . . . . .	—	6	—	1	—	—	7	—	—	—	—	—	—	—
7· Jammu & Kashmir . . . . .	2	1	—	—	—	—	3	—	—	—	—	—	—	—
8· Karnataka . . . . .	—	9	1	—	—	6	16	—	1	—	—	—	—	1
9· Kerala . . . . .	—	3	—	—	—	8	11	—	1	—	—	—	2	3
10· Madhya Pradesh . . . . .	—	11	1	—	—	3	15	—	2	—	—	—	1	3
11· Maharashtra . . . . .	—	4	2	—	—	2	8	—	—	—	—	—	—	—
12· Manipur . . . . .	—	—	—	—	—	3	3	—	—	—	—	—	—	—
13· Meghalaya . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14· Orissa . . . . .	—	—	—	—	—	1	1	—	—	—	—	—	—	—
15· Punjab . . . . .	1	—	1	—	—	5	7	1	1	2	—	—	1	5
16· Rajasthan . . . . .	1	11	—	3	—	2	17	—	2	1	—	—	1	4
17· Tamil Nadu . . . . .	3	8	—	1	—	12	24	—	—	—	—	—	2	2
18· Tripura . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19· Uttar Pradesh . . . . .	4	6	1	1	—	7	19	—	1	—	—	—	1	2
20· West Bengal . . . . .	—	—	—	1	—	1	2	—	1	—	—	—	1	2
21· Arunachal Pradesh . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22· Goa, Daman & Diu . . . . .	—	—	—	—	—	3	3	—	—	—	—	—	—	—
23· Mizoram . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24· Pondicherry . . . . .	—	3	—	—	—	—	3	—	—	—	—	—	—	—
25· All-India . . . . .	14	78	7	12	—	73	184	5	13	3	—	—	15	36

reason for casualty (code): informant too busy-1; informant away from home-2; informant non-co-operative-3; owner stays outside the town/village or adjacent village-4; contractor stays outside the town/village or adjacent village-5, other reasons-9.

TABLE (3): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION AGENCY.

nature of construction (1)	construction agency						all construction (8)	estimated no. of construction (9)
	household	Housing cooper- ative	educa- tional institution	religious institution	trust, club, Political party society etc.	others		
	(2)	(3)	(4)	(5)	(6)	(7)		
1. new building . . . . .	47.39	.14	.08	.31	.12	.34	48.38	1343453
2. addition to floor space or building . . . . .	17.24	.05	.02	.07	.04	.02	17.44	484390
3. alteration and improvement of building . . . . .	21.66	.02	—	.21	.01	—	21.88	607699
4. all building . . . . .	86.29	.21	.10	.58	.16	.36	87.71	2435541
5. pucca roads bridges and culverts . . . . .	.12	—	—	.02	—	.02	.16	4427
6. playground, stadia, swimming pools and other recreational facilities . . . . .	.01	—	—	—	—	—	.01	188
7. pucca wells, tube wells and tanks . . . . .	5.96	.05	—	.01	.04	.07	6.13	170240
8. kutchra wells, ponds, tanks, embankments checkdams channels and other irrigation works . . . . .	2.63	—	—	—	—	—	2.65	73666
9. kutchra roads bunding raising and level- ling of land and other land improvement works . . . . .	.32	—	—	—	—	—	.32	8958
10. laying of orchards and plantations . . . . .	.04	—	—	—	—	—	.04	1127
11. installation of industrial plants . . . . .	.05	—	—	—	—	—	.05	1425
12. Cattle sheds, poultry sheds other sheds and platforms . . . . .	1.51	—	—	—	—	.02	1.53	42391
13. Others . . . . .	1.34	—	—	.03	—	.03	1.40	38900
14. all non buildings . . . . .	11.98	.05	—	.06	.04	.16	12.29	341322
15. all constructions . . . . .	98.27	.26	.10	.64	.21	.52	100.00	2776863
16. estimated no. of constructions . . . . .	2728935	7278	2883	17648	5740	14379	2776863	—

TABLE (4): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION RESPONSIBILITY

nature of construction (1)	construction responsibility					RURAL
	owner undertaking construction					estimated no. of con- struction (7)
	with paid labour	wholly unpaid labour	wholly on contract	partly on contract	all	
	(2)	(3)	(4)	(5)	(6)	
1. new building	29.95	60.50	3.16	6.39	100.00	1343453
2. Addition to floor space or building	38.19	57.60	2.04	2.17	100.00	484390
3. alteration and improvement of building	21.22	75.84	1.87	1.06	100.00	607699
4. all building	29.41	63.75	2.62	4.22	100.00	2435541
5. pucca roads, bridges and culverts	69.37	30.40	.23	—	100.00	4427
6. playground, stadia, swimming pools and other recreational facilities	—	95.21	5.32	—	100.00	188
7. pucca wells, tube wells and tanks	29.17	57.08	6.57	7.18	100.00	170240
8. kutchra wells, ponds, tanks, embankments, check-dams channels and other irrigation works	25.53	48.28	20.53	5.66	100.00	73666
9. kutchra roads bunding raising and levelling of land and other land improvement works	21.59	73.41	—	5.01	100.00	8958
10. laying of orchards and plantations	59.01	41.08	—	—	100.00	1127
11. installation of industrial plants	15.51	63.37	—	21.05	100.00	1425
12. cattle sheds, poultry sheds other sheds and plat-forms	31.34	59.95	7.11	1.61	100.00	42391
13. others	38.81	48.37	10.32	2.50	100.00	38900
14. all non buildings	30.10	54.62	9.77	5.51	100.00	341322
15. all constructions	29.49	62.63	3.50	4.38	100.00	2776863
16. estimated no. of constructions	819026	1739138	97108	121590	2776863	—

TABLE (5): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF BUILDING CONSTRUCTION BY PURPOSE, STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

purpose (1)	stage of construction									RURAL
	completed			not completed			all			estimated number of construc- tion (11)
	type of structure									
	pucca	semi-pucca	all	pucca	semi-pucca	all	pucca	semi-pucca	all	
(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1. residential	27.15	13.52	40.67	36.32	12.04	48.36	63.47	25.56	89.03	2168348
2. industrial	.25	.05	.30	.16	.06	.23	.41	.11	.52	12756
3. commercial	.93	.50	1.43	1.16	.16	1.34	2.09	.68	2.77	67468
4. agricultural	.81	.58	1.39	.58	.22	.79	1.39	.80	2.18	53148
5. educational	.02	—	.02	.18	.01	.19	.21	.01	.21	5214
6. health	.02	—	.02	.02	.02	.04	.04	.02	.05	1304
7. other institutional	.05	.06	.11	.34	.01	.35	.39	.07	.46	11105
8. residential cum industrial	.04	.03	.07	.16	.02	.19	.20	.05	.25	6174
9. residential cum commercial	.11	.11	.22	.14	.04	.18	.26	.14	.40	9708
10. residential cum agricultural	.70	.46	1.16	.86	.62	1.48	1.56	1.08	2.65	64474
11. others	.43	.23	.66	.61	.20	.81	1.04	.43	1.47	35843
12. all	30.51	15.54	46.04	40.54	13.41	53.96	71.05	28.95	100.00	2435541
13. estd. no. of constructions	743001	378433	1121433	987448	326660	1314108	1730449	705092	2435541	—

TABLE (6): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION BY PLINTH AREA, STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

plinth area (in sq. metre)	stage of construction									RURAL
	completed			not completed			all			estimated number of construc- tion
	type of structure									
	pucca	semi- pucca	all	pucca	semi- pucca	all	pucca	semi- pucca	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. less than—20	6.33	7.19	13.53	13.73	7.21	20.93	20.06	14.40	34.46	454233
2. 20—30	2.79	1.79	4.58	6.59	2.12	8.71	9.37	3.91	13.29	175128
3. 30—40	1.99	1.38	3.36	7.51	1.55	9.06	9.49	2.93	12.42	163747
4. 40—50	1.16	.46	1.61	5.92	1.42	7.34	7.08	1.88	8.95	118097
5. 50—70	1.46	.40	1.86	5.03	1.58	6.61	6.49	1.98	8.47	111645
6. 70—100	1.29	.60	1.89	4.37	1.44	5.81	5.65	2.04	7.69	101398
7. 100—150	.82	.19	1.01	3.18	.33	3.51	4.00	.52	4.53	59650
8. 150—250	.54	.16	.71	2.92	.80	3.72	3.46	.96	4.43	58350
9. 250 or more	.85	.57	1.43	3.44	.89	4.33	4.29	1.47	5.75	75943
10. all	17.23	12.75	29.98	52.68	17.34	70.02	69.91	30.09	100.00	1318191
estd. no. of cons- tructions	227118	168026	395144	694437	228610	923047	921555	396636	1318191	—



TABLE (7): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION BY COST OF CONSTRUCTION, PLINTH AREA AND TYPE OF STRUCTURE

plinth area (sq. metre)		total/estimated total cost of constructions (Rs.)									RURAL	
		less than 2000	1000- 2000	2000- 3000	3000- 5000	5000- 10,000	10,000- 25,000	25,000- 50,000	50,000- 100,000	more than 100,000	all	no. of con- struc- tion
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
less than 20	pucca . . .	1.06	1.38	2.67	3.47	5.02	4.75	1.04	.41	.25	20.06	264421
	semi-pucca . . .	3.71	2.83	1.70	3.38	1.73	.70	.12	.06	.16	14.40	189813
	all . . .	4.77	4.21	4.37	6.85	6.75	5.46	1.16	.47	.42	34.46	454233
20—30	pucca . . .	—	.53	.55	1.95	2.95	3.00	.28	.03	.09	9.37	123560
	semi-pucca . . .	.60	1.07	.21	.71	.87	.27	.13	.05	—	3.91	51568
	all . . .	.60	1.61	.76	2.66	3.81	3.27	.41	.08	.09	13.29	175128
30—40	pucca . . .	—	.05	.45	1.21	1.50	4.91	1.12	.23	.03	9.49	125131
	semi-pucca . . .	.47	.57	.43	.59	.61	.31	.01	.03	—	2.93	38616
	all . . .	.47	.62	.79	1.80	2.10	5.22	1.13	.25	.03	12.42	163747
40—50	pucca . . .	.02	.08	.06	1.57	1.96	2.25	.99	.13	.03	7.08	93351
	semi-pucca . . .	.21	.13	.13	.40	.39	.49	.12	—	—	1.88	24746
	all . . .	.24	.21	.19	1.97	2.35	2.74	1.11	.13	.03	8.96	118097
50—70	pucca . . .	.11	.05	.15	.37	1.26	2.75	1.41	.31	.06	6.49	85558
	semi-pucca . . .	.03	.24	.06	.28	.58	.63	.15	.02	—	1.98	26087
	all . . .	.14	.29	.21	.65	1.83	3.39	1.56	.33	.06	8.47	111645
70—100	pucca . . .	.04	—	.12	.24	.63	2.13	1.82	.53	.13	5.65	74490
	semi-pucca . . .	.10	.21	.38	.29	.26	.56	.22	.03	—	2.04	26908
	all . . .	.14	.21	.50	.52	.89	2.70	2.04	.56	.13	7.69	101398
100—150	pucca . . .	.02	.04	.10	.07	.63	1.20	1.17	.71	.07	4.00	52780
	semi-pucca . . .	—	.02	.05	.05	.11	.23	.04	.02	—	.52	6870
	all . . .	.02	.06	.15	.11	.74	1.43	1.20	.73	.07	4.53	59650
150—250	pucca . . .	—	.02	.06	.34	.40	.82	1.20	.55	.08	3.46	45672
	semi-pucca . . .	.18	.29	.02	.14	.08	.19	.04	—	.01	.96	12678
	all . . .	.18	.31	.08	.49	.49	1.01	1.23	.55	.10	4.43	58350
250 or more	pucca . . .	.02	.08	.07	.23	.41	.64	.57	.33	1.94	4.29	56591
	semi-pucca . . .	.22	.07	.09	.14	.18	.29	.05	.06	.36	1.47	19352
	all . . .	.24	.16	.16	.37	.59	.93	.63	.39	2.30	5.76	75943
all	pucca . . .	1.26	2.24	4.23	9.44	14.75	22.43	9.59	3.24	2.68	69.91	921555
	semi-pucca . . .	5.52	5.43	2.99	5.98	4.81	3.67	.89	.26	.54	30.09	396636
	all . . .	6.79	7.67	7.22	15.43	19.56	26.15	10.48	3.49	3.22	100.30	1318191
estd. of cons- tructions		89462	101054	95165	203353	257814	344727	138139	46060	42418	1318191	—

TABLE (8): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTION BY TOTAL COST OF CONSTRUCTION AND TYPE OF STRUCTURE

total cost of construction (Rs.)	type of structure			estimated number of construction	
	(1)	pucca	semi-Pucca		all
		(2)	(3)		(4)
1. less than—1000		4.43	29.95	15.29	60403
2. 1000—2000		8.23	22.93	14.48	57201
3. 2000—3000		12.99	14.11	13.46	53206
4. 3000—5000		16.45	14.57	15.65	61823
5. 5000—10000		22.62	12.75	18.42	72790
6. 10000—25000		25.43	3.81	16.24	64161
7. 25000—30000		5.79	.66	3.61	14267
8. 30000—100000		.55	—	.32	1247
9. more than 100000		3.52	1.22	2.54	10045
10. all		100.00	100.00	100.00	395144
11. estd. no. of constructions		227118	168026	395144	—

TABLE (9): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION NOT COMPLETED BY ESTIMATED COST OF CONSTRUCTION AND EXPECTED DURATION OF CONSTRUCTION.

estimated cost of construction (in Rs.)	expected duration of construction (in months)								total	estimated no. of construction
	less than 6	6—12	12—18	18—24	24—36	36—48	48—60	60		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1. less than—1000	2.81	.09	.06	.08	.08	.03	—	—	3.15	29060
2. 1000—2000	3.66	.87	.13	.06	—	—	.02	—	4.75	43852
3. 2000—3000	3.37	.55	.30	.13	.01	.18	—	—	4.55	41958
4. 3000—5000	7.83	4.87	1.57	.31	.47	.16	.05	.07	15.33	141530
5. 5000—10000	9.52	4.56	3.30	.54	1.26	.19	.28	.39	20.04	185024
6. 10000—25000	12.98	5.74	5.05	1.67	2.50	1.28	1.03	.14	30.40	280566
7. 25000—30000	3.90	2.49	2.93	.82	1.20	1.23	.44	.40	13.42	123873
8. 30000—100000	1.14	.68	.86	.62	.49	.45	.47	.14	4.85	44813
9. more than 100000	1.31	.43	.26	.15	.09	1.22	—	.05	3.51	32373
10. all	46.54	20.28	14.47	4.39	6.10	4.74	2.29	1.19	100.00	923047
11. estd. no. of constructions	429553	187236	133581	40505	56275	43740	21172	10985	923047	—

TABLE (10): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTIONS BY TOTAL COST OF CONSTRUCTION AND DURATION OF CONSTRUCTION.

total cost of construction (in Rs.)	duration of construction (in months)								total	estimated no. of construction
	less than 6	6—12	12—18	18—24	24—36	36—48	48—60	60 or more		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
1. less than—1000	13.12	1.46	.19	.49	—	—	.03	—	15.29	60403
2. 1000—2000	12.88	1.23	.22	.02	—	—	.13	—	14.48	57201
3. 2000—3000	11.56	1.22	.35	—	.20	—	—	.13	13.46	53206
4. 3000—5000	12.30	2.49	.42	.16	.13	—	.16	—	15.65	61823
5. 5000—10000	13.14	3.82	.93	.10	.35	—	.08	—	18.42	72790
6. 10000—25000	11.23	2.16	.92	.34	.95	.48	.15	—	16.24	64161
7. 25000—30000	.68	.73	.44	1.29	.36	.07	—	.05	3.61	14267
8. 30000—100000	—	.08	.01	.05	.13	.04	—	—	.32	1247
9. more than 100000	1.58	.40	—	—	.07	.49	—	—	2.54	10045
10. all	76.49	13.58	3.48	2.45	2.19	1.08	.55	.18	100.00	395144
11. estd. no. of constructions	302226	53680	13735	9673	8659	4282	2188	702	395144	—

TABLE (11): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND WHETHER SANCTION REQUIRED OR NOT

nature of construction	RURAL				total	estimated number of construction
	sanctioned not required	sanctioned required and obtained	others	total		
(1)	(2)	(3)	(4)	(5)	(6)	
1. new building	82.86	10.82	6.32	100.00	1343453	
2. addition to floor space or building	93.12	2.96	3.92	100.00	484390	
3. alteration and improvement of building	94.56	2.93	2.52	100.00	607699	
4. all building	87.82	7.29	4.90	100.00	2435541	
5. pucca roads bridges and culverts	75.35	20.69	3.93	100.00	4427	
6. playground, stadia, swimming pools and other recreational facilities	..	5.32	95.21	100.00	188	
7. pucca walls, tube wells and tanks	97.08	.34	2.58	100.00	170240	
8. kutchha, wells, ponds, tanks, embankments, checkdams channel and other irrigation works	94.98	1.02	4.00	100.00	73666	
9. kutchha roads, building, raising and levelling of land and other land improvement works	96.87	..	3.14	100.00	8958	
10. laying of orchards and plantations	71.78	..	28.22	100.00	1127	
11. installation of industrial plants	100.00	..	..	100.00	1425	
12. cattle sheds, poultry sheds other sheds and platforms	96.76	1.45	1.87	100.00	42391	
13. others	93.76	4.10	2.14	100.00	38900	
14. all non building	95.79	1.31	2.90	100.00	341322	
15. all constructions.	88.70	6.55	4.65	100.00	2776863	
16. estimated no. of constructions	2465817	181910	129136	2776863	—	

TABLE (12) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE

Item of expenditure (1)	RURAL		
	Nature of Construction-New Building		
	pucca (2)	semi-pucca (3)	all (4)
1. stone block	2.98	2.12	2.83
2. stone slab	1.14	.59	1.05
3. stone chips	.38	.14	.34
4. bricks (burnt)	7.05	4.92	6.69
5. bricks (unbrunt)	.28	.52	.32
6. sand	.90	.33	.81
7. cement	2.66	.70	2.33
8. lime	.70	.15	.60
9. wood and timber	3.37	5.77	3.77
10. tiles for roof	1.44	7.18	2.40
11. mosaic tiles	.04	.11	.05
12. other floor tiles	.10	.11	.11
13. asbestos sheets	.15	.07	.14
14. corrugated iron sheets	.68	.58	.67
15. iron and sheets	4.15	.59	3.55
16. doors and windows	2.49	2.46	2.49
17. iron steel fittings	.55	.22	.49
18. bamboo, cane and reed	.28	4.50	.98
19. straw, grass and leaves	.03	5.49	.94
20. paint and varnish	.09	.04	.08
21. sanitary fittings	.04	.02	.04
22. electrical fittings	.17	.59	.24
23. plumbing and water supply fittings	.03	—	.02
24. glass fittings	.11	.03	.10
25. bolts nuts and nails	1.84	1.85	1.84
26. pumps tubes iron pulleys couplings	.02	.07	.03
27. other materials	—	—	—
28. materials sub-total	31.66	39.15	32.91
29. labour hired: skilled	19.70	25.09	20.60
30. labour hired: unskilled	15.90	18.91	16.40
31. labour hired: total	35.60	44.00	37.01
32. household labour	14.05	14.59	14.14
33. labour: sub-total	49.64	58.59	51.15
34. professional services	.37	.14	.33
35. industrial services	.46	.16	.41
36. rental and hire charges	14.97	.30	12.51
37. municipal fees	.01	—	.01
38. other services charges	2.87	1.56	2.67
39. service charges: sub-total	18.69	2.26	15.94
40. Total expenditure	100.00	100.00	100.00
41. used materials	2.14	5.33	2.68
42. estd. total-expenditure (in Rs. ten thousands)	8401368	1735114	10136482

TABLE (12): PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE BY SUB-SAMPLES-

item of expenditure	RURAL		
	nature of construction—all building		
	pucca	semi-pucca	all
	(5)	(6)	(7)
1. stone black	2.50	.99	1.99
2. stone slab	.86	.19	.63
3. stone chips	.31	.93	.52
4. bricks (burnt)	5.70	1.79	4.39
5. bricks (unburnt)	.21	.17	.20
6. sand	.74	.12	.53
7. cement	2.32	.29	1.64
8. lime	.56	.05	.39
9. wood and timber	2.68	2.06	2.47
10. tiles for roof	1.59	2.13	1.77
11. mosaic tiles	.03	.04	.03
12. other floor tiles	.09	.04	.07
13. asbestos sheets	.13	.03	.09
14. corrugated iron sheets	.66	.21	.51
15. iron and sheets	4.77	2.38	3.96
16. doors and windows	4.18	3.45	3.94
17. iron steel fittings	1.06	.07	.72
18. bamboo, cane and reed	.20	2.30	.91
19. straw grass and leaves	.57	3.90	1.70
20. paint and varnish	1.52	.02	1.01
21. sanitary fittings	.04	.01	.03
22. electrical fittings	.22	.17	.21
23. plumbing and water supply fittings	.03	—	.02
24. glass fittings	.08	.74	.30
25. bolts nuts and nails	2.09	1.05	1.74
26. pumps tubes iron pulleys couplings	.03	.02	.02
27. other materials	—	—	—
28. materials sub-total	33.16	23.18	29.79
29. labour hired: skilled	19.74	11.20	16.86
30. labour hired: unskilled	16.66	14.27	15.85
31. labour hired: total	36.40	25.47	32.71
32. household labour	13.15	5.88	10.70
33. labour: sub-total	49.55	31.35	43.41
34. professional services	.58	3.36	1.52
35. industrial services	.31	.05	.22
36. rental and hire charges	13.63	38.61	22.05
37. municipal fees	.01	—	.01
38. other services charges	2.76	3.46	3.00
39. service charges: sub-total	17.29	45.47	26.79
40. total expenditure	100.00	100.00	100.00
41. used materials	3.40	6.93	4.59
42. estd. total expenditure (in Rs. ten thousand)	13258483	6292592	19551075

TABLE (13): PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR FOR NON-BUILDING CONSTRUCTION WORK BY ITEM OF EXPENDITURE AND NATURE OF CONSTRUCTION.

item of expenditure	RURAL										
	percentage expenditure										all
	nature of construction (code)										
	31	32	33	34	35	36	37	38	39		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1. stone black	3.07	—	2.20	2.08	3.83	2.36	3.00	5.00	.78	2.11	
2. stone slab	—	—	.34	.11	—	—	—	2.73	.15	.43	
3. stone chips	.02	—	.62	.19	.19	—	.96	.12	.25	.49	
4. bricks (burnt)	41.49	—	3.35	.94	.86	—	11.13	2.50	4.37	3.83	
5. bricks (unburnt)	—	—	.20	.31	.71	4.34	—	1.94	.54	.37	
6. sand	.93	—	.58	.33	.91	1.27	4.10	1.88	.33	.61	
7. cement	5.48	10.71	1.13	1.27	2.81	21.69	19.14	1.54	1.69	1.34	
8. lime	.14	7.30	1.22	.11	.05	.13	3.59	.26	.20	.91	
9. wood and timber	10.27	9.74	.23	.33	—	23.57	.30	7.86	.26	.73	
10. tiles for roof	1.51	—	.01	.50	—	—	—	2.28	.07	.18	
11. mosaic tiles	—	—	—	—	—	—	—	.18	—	.01	
12. other floor tiles	—	—	—	—	—	—	—	.08	—	.01	
13. asbestos sheets	—	—	—	.13	—	—	—	.51	.01	.04	
14. corrugated iron sheets	—	—	.02	.01	—	—	—	.50	.01	.05	
15. iron and sheets	9.67	—	.36	.31	—	—	—	.37	.65	.46	
16. doors and windows	1.26	—	.06	.06	—	—	—	1.09	.14	.14	
17. iron steel fittings	2.85	—	.05	.02	.41	—	—	.32	.03	.07	
18. bamboo, cane and reed	.13	—	.38	.24	—	1.66	—	.68	.85	.47	
19. straw, grass and leaves	.21	—	.56	.04	—	7.40	—	.45	.10	.44	
20. paint and varnish	—	17.04	.05	.10	.95	—	1.20	—	.01	.05	
21. sanitary fittings	—	—	.01	.13	—	—	—	.02	.03	.01	
22. electrical fittings	—	—	.63	1.65	—	—	21.84	—	1.72	.91	
23. plumbing and water supply fittings	—	—	.57	3.34	—	—	—	—	13.29	3.01	
24. glass fittings	—	—	—	.02	—	—	—	.02	—	—	
25. bolts nuts and nails	.26	—	.13	.90	—	.39	3.64	.21	.03	.17	
26. pumps tubs iron pulleys couplings	4.26	—	10.52	10.68	—	—	5.02	.02	.03	7.92	
27. other materials	—	—	.01	.35	—	—	—	.02	—	.03	
28. materials sub-total	81.55	44.80	23.25	23.85	10.62	63.12	73.91	37.08	25.51	24.79	
29. labour hired: skilled	7.73	29.22	32.01	3.50	8.47	13.20	7.15	31.93	41.71	32.21	
30. labour hired: unskilled	2.98	25.99	8.50	47.56	30.31	11.45	10.61	22.78	16.55	13.11	
31. labour hired: total	10.71	55.20	40.52	56.06	38.77	24.65	17.76	54.71	58.26	45.32	
32. household labour	6.96	—	11.19	13.64	17.51	11.79	3.79	6.42	15.76	11.87	
33. labour: sub-total	17.67	55.20	51.71	69.70	56.28	36.44	21.55	61.13	74.02	57.20	
34. professional services	—	—	.39	1.76	4.44	—	—	.10	.02	.39	
35. industrial services	—	—	.35	.87	—	—	—	.09	.14	.32	
36. rental and hire charges	.53	—	23.76	2.75	26.75	—	.80	1.13	.24	16.80	
37. municipal fees	.09	—	.01	.04	—	—	—	.01	.01	.01	
38. other services charges	.16	—	.53	1.03	1.91	.44	3.73	.48	.07	.48	
39. service charges: sub-total	.78	—	25.04	6.45	33.10	.44	4.54	1.80	.47	18.01	
40. total expenditure	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
41. used materials	8.09	—	5.16	8.07	2.88	.98	1.23	1.41	8.03	5.63	
42. estd. total expenditure (in Rs. ten thousand)	3260	114	859329	74321	4035	351	3110	74023	262201	1280745	

\*code: pucca roads, bridges and culverts—31, playgrounds, stadia, swimming pools and other recreational facilities—32, pucca wells tube wells and tanks—33, katcha wells, ponds, tanks, embankments, checkdams, channels and other irrigation work—34, katcha roads, building, raising and levelling of land and other land improvement work—35, laying orchards and plantations—36, installation of industrial plants—37, cattle sheds, poultry sheds, other sheds and platforms—38, other non-building works—39.

TABLE (14): AVERAGE QUANTITY OF CONSUMPTION OF CONSTRUCTION MATERIAL/LABOUR PER CONSTRUCTION WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/LABOUR PER STANDARD UNIT BY ITEM OF CONSTRUCTION, CONSTRUCTION TYPE AND TYPE OF STRUCTURE.

RURAL

item of construction	standard unit	construction type-new building					
		average quantity (in std. unit)			cost per std. unit (in Rs. 0.00)		
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. stone blocks . . . . .	cu. mtr.	27	12	22	29.27	21.47	28.00
2. stone slabs . . . . .	sq. mtr.	17	4	13	17.76	19.29	17.90
3. stone chips . . . . .	cu. mtr.	4	1	3	28.55	13.24	26.50
4. bricks (burnt) . . . . .	(00)	115	57	97	16.24	10.66	15.26
5. bricks (unburnt) . . . . .	(00)	12	16	14	5.83	3.91	5.13
6. sand . . . . .	cu. mtr.	21	4	16	11.42	9.76	11.29
7. cement . . . . .	quintal	11	1	8	66.83	60.15	66.46
8. lime . . . . .	kg.	486	24	347	.38	.77	.39
9. tiles for roof . . . . .	no.	528	1896	940	.72	.47	.57
10. mosaic tiles . . . . .	no.	7	6	7	1.42	2.29	1.64
11. other floor tiles . . . . .	no.	22	135	56	1.23	.10	.42
12. asbestos sheets . . . . .	sq. mtr.	4	—	3	9.24	34.16	9.88
13. corrugated iron sheet . . . . .	sq. mtr.	6	3	5	32.66	27.78	31.85
14. iron and steel . . . . .	quintal	7	—	5	146.88	250.91	148.58
15. doors and windows (wooden) . . . . .	no.	17	18	17	39.58	17.29	32.61
16. paints and varnish . . . . .	litre	1	1	1	152.68	50.94	132.33
17. hired labour skilled . . . . .	man days	428	168	350	12.16	18.39	13.06
18. hired labour: unskilled . . . . .	man days	527	180	423	7.96	12.92	8.60
19. hired labour : total . . . . .	man days	955	349	773	9.84	15.56	10.62
20. household labour . . . . .	man days	515	269	441	7.21	6.68	7.11
21. labour sub-total . . . . .	man days	1470	618	1214	8.92	11.69	9.34
22. estimated no. of constructions		—	—	—	921555	396636	1318191

TABLE (14) : AVERAGE QUANTITY OF CONSUMPTION OF CONSTRUCTION MATERIAL/ LABOUR PER CONSTRUCTION WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/LABOUR PER STANDARD UNIT BY ITEM OF CONSTRUCTION, CONSTRUCTION TYPE AND TYPE OF STRUCTURE.

ALL INDIA—RURAL

(1)	(2)	construction type-all building					
		average quantity (in std. unit) cost per std. unit (in Rs. 0.00)					
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	All
(9)	(10)	(11)	(12)	(13)	(14)		
1. stone blocks	cu. mtr . . . .	17	25	19	32.34	10.65	24.09
2. stone slabs	sq mtr . . . .	11	3	8	17.51	15.20	17.24
3. stone chips	cu. mtr . . . .	2	1	2	29.18	325.90	65.11
4. bricks (burnt)	(00) . . . .	77	41	66	16.09	11.70	15.30
5. bricks (unburnt)	(00) . . . .	7	12	9	6.13	4.02	5.30
6. sand	cu. mtr. . . .	14	3	11	11.55	9.91	11.41
7. cement	quintal . . . .	7	1	6	67.81	66.16	67.71
8. lime	kg. . . . .	334	20	242	.36	.70	.37
9. tiles for roof	No. . . . .	494	1412	762	.70	.40	.54
10. mosaic tiles	No. . . . .	5	5	5	1.55	2.06	1.70
11. other floor tiles	No. . . . .	14	99	39	1.35	.11	.43
12. asbestos sheets	sq. mtr. . . .	3	—	2	10.75	31.81	11.61
13. corrugated iron sheet	sq. mtr. . . .	5	2	4	28.18	30.07	28.42
14. iron and steel	quintal . . . .	10	2	8	101.18	336.19	117.88
15. doors and windows (wooden)	No. . . . .	53	42	50	17.17	21.84	18.33
16. paints and varnish	litre . . . .	26	—	18	21.66	54.19	21.88
17. hired labour skilled	man days . . .	352	196	306	12.14	15.21	12.72
18. hired labour ; unskilled	man days . . .	433	257	382	8.31	14.80	9.59
19. hired labour ; total	man days . . .	785	452	688	10.03	14.98	10.98
20. household labour	man days . . .	365	271	338	7.79	5.78	7.32
21. labour sub-total	man days . . .	1150	723	1025	9.31	11.54	9.77
22. estimated no. of constructions	. . . . .	—	—	—	1705208	704868	2410076



TABLE (15) : PERCENTAGE DISTRIBUTION OF ESTIMATED AMOUNT OF FINANCE (RS. IN LAKHS) RAISED BY SOURCE OF FINANCE AND CONSTRUCTION TYPE

RURAL

source of finance	construction type				estd. finance (Rs.)
	new building	additional alteration and improvement of building	all building	non building	
(1)	(2)	(3)	(4)	(5)	(6)
<b>borrowing from employer :</b>					
1. government . . . . .	0.84	0.02	0.55	0.28	4163.57
2. public undertaking . . . . .	0.55	0.43	0.51	0.00	3723.90
3. private undertaking . . . . .	0.10	0.08	0.09	0.19	754.84
4. others . . . . .	0.01	0.33	0.12	0.18	967.24
5. sub-total . . . . .	1.50	0.86	1.27	0.66	9609.55
<b>borrowing from other sources :</b>					
6. government . . . . .	0.28	0.01	0.19	1.13	1866.74
7. life insurance corporation . . . . .	0.02	0.01	0.02	0.01	114.70
8. other insurance companies . . . . .	0.02	0.00	0.01	0.07	112.38
9. commercial banks . . . . .	0.38	0.14	0.30	2.72	3392.33
10. co-operative banks . . . . .	2.05	0.21	1.41	2.89	11630.18
11. provident fund . . . . .	0.53	0.48	0.52	0.02	3780.24
12. housing association . . . . .	0.09	0.09	0.06	0.01	413.26
13. housing agency . . . . .	0.05	0.54	0.22	0.00	1635.17
14. money lender . . . . .	2.55	2.34	2.48	5.15	20432.91
15. friends and relatives . . . . .	6.46	3.96	5.59	4.02	42714.21
16. others . . . . .	2.32	0.44	1.67	0.32	12351.61
17. sub-total . . . . .	14.77	8.13	12.45	16.33	98443.67
<b>other sources :</b>					
18. savings . . . . .	39.24	71.09	50.36	73.07	401331.79
19. pension, gratuity and provident fund . . . . .	0.92	1.80	1.23	0.12	9034.41
20. inherited wealth . . . . .	1.42	1.88	1.58	0.60	11818.18
21. subsidy and grants . . . . .	1.00	0.29	0.75	0.12	5572.34
22. gifts . . . . .	0.42	3.52	1.50	0.05	10989.52
23. others . . . . .	40.75	12.44	30.87	9.05	230016.18
24. sub-total . . . . .	83.74	91.01	86.28	83.01	668761.56
25. total . . . . .	100.00	100.00	100.00	100.00	776800.49
26. estimated finance (Rs.) . . . . .	476482.65	255639.83	732122.48	44678.01	776800.49

TABLE (16) : PERCENTAGE DISTRIBUTION OF AMOUNT OF FINANCE BORROWED (RS. IN LAKHS) BY PERIOD OF FULL REPAYMENT AND RATE OF INTEREST

RURAL

period of full repayment (in months)	rate of interest (in per cent)							estd. amount borrowed Rs.	
	less than 4	4—5	5—6	6—8	8—10	10—20	more than 20		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. less than 6 . . . . .	54.03	0.04	0.32	0.10	0.40	2.09	3.67	60.65	65538.29
2. 6—12 . . . . .	0.27	0.00	0.00	0.01	0.02	0.62	0.40	1.34	1445.37
3. 12—24 . . . . .	1.52	0.05	0.02	0.29	0.02	1.54	1.35	4.80	5183.26
4. 24—36 . . . . .	0.96	0.94	0.02	0.07	0.05	1.83	0.72	3.69	3990.24
5. 36—60 . . . . .	0.73	0.10	0.03	0.05	0.07	1.49	0.60	3.06	3305.28
6. 60—120 . . . . .	0.62	0.13	0.00	0.04	0.21	2.30	1.27	4.56	4930.32
7. 120 and more . . . . .	6.45	0.23	0.90	0.10	0.37	9.52	5.23	21.90	23660.46
8. all . . . . .	64.59	0.60	0.39	0.66	1.14	19.38	13.25	100.00	106053.22
9. estd. amount borrowed	69793.37	643.26	426.00	713.64	1226.98	20938.00	14312.00	108053.22	108053.22

TABLE (1) : NUMBER OF SAMPLE CONSTRUCTION WORKS SURVEYED BY CONSTRUCTION TYPE

state/u.ts.	URBAN			
	number of surveyed constructions			
	new buildings	additional alteration and improvement of buildings	non-building	all
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh . . . . .	187	280	36	503
2. Assam . . . . .	42	37	17	96
3. Bihar . . . . .	103	59	10	172
4. Gujarat . . . . .	82	197	5	284
5. Haryana . . . . .	37	99	2	138
6. Himachal Pradesh . . . . .	36	39	11	86
7. Jammu & Kashmir . . . . .	82	48	10	140
8. Karnataka . . . . .	189	167	11	367
9. Kerala . . . . .	275	205	152	632
10. Madhya Pradesh . . . . .	175	125	16	316
11. Maharashtra . . . . .	255	376	39	670
12. Manipur . . . . .	—	—	—	—
13. Meghalaya . . . . .	15	10	2	27
14. Nagaland . . . . .	4	2	—	6
15. Orissa . . . . .	69	42	8	119
16. Punjab . . . . .	113	198	33	344
17. Rajasthan . . . . .	137	333	19	489
18. Tamil Nadu . . . . .	298	438	36	772
19. Tripura . . . . .	29	12	5	46
20. Uttar Pradesh . . . . .	227	394	9	630
21. West Bengal . . . . .	157	245	43	445
22. Arunachal Pradesh . . . . .	1	1	—	2
23. Delhi . . . . .	17	39	—	56
24. Goa, Daman & Diu . . . . .	16	7	1	24
25. Mizoram . . . . .	25	2	—	27
26. Pondicherry . . . . .	22	37	1	60
27. All India . . . . .	2593	3392	466	6451
28. Big Cities Pooled . . . . .	168	393	11	572

TABLE (2) : DISTRIBUTION OF SAMPLE CONSTRUCTION WORKS WHICH COULD NOT BE SURVEYED BY SUB-STRATUM AND REASON FOR CASUALTY

(1)	URBAN														
	building construction works							non-building construction works							
	reason for casualty (code)														
state/u.t.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1- Andhra Pradesh	2	19	2	14	3	19	59	19	—	—	—	2	—	—	2
2- Assam	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—
3- Bihar	—	4	2	—	—	4	10	4	—	—	—	—	—	—	—
4- Gujarat	—	11	—	2	—	7	20	7	—	—	—	—	—	—	—
5- Haryana	—	4	—	—	—	1	5	1	—	—	—	—	—	—	—
6- Himachal Pradesh	—	3	—	1	—	3	7	3	—	—	—	—	—	—	—
7- Jammu & Kashmir	—	—	—	—	—	4	4	4	—	—	—	—	—	—	—
8- Karnataka	4	31	5	12	1	30	83	30	—	1	—	—	—	—	1
9- Kerala	3	7	—	2	—	10	22	10	2	2	—	—	—	—	4
10- Madhya Pradesh	2	13	1	7	1	9	33	9	—	—	—	—	—	2	2
11- Maharashtra	3	15	11	2	—	14	45	14	—	—	—	—	—	1	1
12- Manipur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13- Meghalaya	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—
14- Nagaland	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15- Orissa	—	2	—	—	—	—	—	1	—	—	—	—	—	—	—
16- Punjab	1	5	2	—	—	6	14	6	2	1	—	—	—	—	3
17- Rajasthan	—	20	6	3	2	10	41	10	1	—	—	—	—	—	1
18- Tamil Nadu	3	17	2	1	—	31	54	31	—	—	—	—	—	—	—
19- Tripura	—	1	—	—	—	—	1	—	—	—	—	—	—	—	—
20- Uttar Pradesh	1	6	3	1	—	10	21	10	—	—	—	—	—	—	—
21- West Bengal	—	2	—	—	—	6	8	6	—	—	—	1	—	—	1
22- Arunachal Pradesh	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23- Goa, Daman & Diu	—	1	—	—	—	1	2	1	—	—	—	—	—	—	—
24- Delhi	—	3	—	—	—	1	4	1	—	—	—	—	—	—	—
25- Mizoram	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26- Pondicherry	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
27- All-India	20	166	35	45	7	167	440	167	5	4	—	3	—	3	15
28- Big cities pooled	2	32	11	9	3	24	81	24	—	—	—	—	—	—	—

TABLE (3) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION AGENCY

nature of construction	construction agency							estimated no. of construction
	household	housing cooperative	educational institution	religious institution	trust club political party society etc.	others	all	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. New building . . . . .	43.94	.38	.08	.24	.11	.04	44.89	367777
2. Addition to floor space or building . . . . .	23.18	.07	.14	.12	.04	.08	23.93	196036
3. Alteration and improvement of building . . . . .	27.62	.08	.13	.08	.04	.10	28.25	231469
4. All building . . . . .	94.74	.54	.35	.44	.20	1.2	97.07	795283
5. Pucca roads bridges and culverts . . . . .	.02	—	.01	—	—	—	.03	263
6. Playground stadia swimming pools and other recreation facilities . . . . .	.01	—	—	—	—	.02	.03	234
7. Pucca wells tube wells and tanks . . . . .	.96	.01	.01	.01	—	.01	1.00	8189
8. Kutchra wells ponds, tanks, embankments, check dams channels and other irrigation works . . . . .	.29	—	—	—	—	—	.29	2378
9. kutchra roads, bunding, raising and levelling of land and other land improvement works . . . . .	.07	—	—	—	—	—	.07	568
10. laying of orchards and plantations . . . . .	.01	—	—	—	—	—	.01	69
11. installation of industrial plants . . . . .	.08	—	—	—	—	.01	.09	726
12. cattle sheds poultry sheds other sheds and platforms . . . . .	.36	—	—	—	—	.03	.39	3232
13. others . . . . .	.95	—	—	.03	.01	.02	1.01	8309
14. all non building . . . . .	2.76	.01	0.2	.03	.01	.10	2.93	23968
15. all constructions . . . . .	97.49	.54	.37	.47	.21	.92	100.00	819250
16. estimated no. of constructions . . . . .	798719	4438	3005	3833	1700	7513	819250	—

TABLE (4) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION RESPONSIBILITY

nature of construction (1)	construction responsibility					estimated no. of construction (7)
	owner undertaking construction					
	with paid labour (2)	wholly unpaid labour (3)	wholly on contract (4)	partly on contract (5)	all (6)	
1. new building	26.83	60.99	6.61	5.57	100.00	367777
2. addition to floor space or building	35.11	53.69	8.08	3.12	100.00	196036
3. alteration and improvement of building	29.07	62.64	6.03	2.20	100.00	231469
4. all building	29.52	59.67	6.80	4.00	100.00	795283
5. pucca roads bridges and culverts	55.51	44.49	—	—	100.00	263
6. playground stadia, swimming pools and other recreational facilities	78.63	21.79	—	—	100.00	234
7. pucca wells, tube wells and tanks	33.23	42.29	15.52	8.96	100.00	8189
8. kutcha wells, ponds, tanks, embankments, checkdams channels and other irrigation works	27.59	41.30	6.77	24.35	100.00	2378
9. kutcha roads, bunding, raising and levelling of land and other land improvement works	38.03	58.10	—	3.80	100.00	568
10. laying of orchards and plantations	31.88	68.12	—	—	100.00	69
11. installation of industrial plants	25.48	63.19	5.51	5.79	100.00	726
12. cattle sheds, poultry sheds other sheds and platforms	31.06	68.94	—	—	100.00	3232
13. others	39.26	53.15	2.94	4.68	100.00	8309
14. all non building	35.03	50.45	7.16	7.36	100.00	23968
15. all constructions	29.68	56.40	6.81	4.10	100.00	819250
16. estimated no. of constructions	243189	486659	55819	33583	819250	—

TABLE (5) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF BUILDING CONSTRUCTION BY PURPOSE STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

purpose (1)	stage of construction									estimated number of construction (11)
	completed			non completed			all			
	type of structure									
	pucca (2)	semi-pucca (3)	all (4)	pucca (5)	semi-pucca (6)	all (7)	pucca (8)	semi-pucca (9)	all (10)	
1. residential	31.38	8.96	40.33	41.71	5.17	46.88	73.09	1.13	87.22	693636
2. industrial	.81	.08	.89	.89	.20	1.09	1.70	0.27	1.97	15693
3. commercial	2.32	.37	2.69	1.33	0.05	1.37	3.65	0.42	4.06	32314
4. agricultural	.27	.05	0.32	0.11	0.06	0.17	0.38	0.11	0.49	3909
5. educational	.01	0.01	.02	0.13	—	0.13	0.14	0.11	0.15	1161
6. health	.02	0.02	0.04	0.07	—	0.07	0.09	0.12	0.10	810
7. other institutional	0.14	0.03	0.17	0.25	0.02	0.27	0.39	0.15	0.43	2456
8. residential cum industrial	.13	0.01	0.14	0.11	0.01	0.12	0.24	0.12	.26	2058
9. residential cum commercial	.33	0.08	0.41	0.65	0.02	0.67	0.98	.10	1.08	8575
10. residential cum agricultural	1.40	.15	1.55	0.75	0.04	.79	2.15	.19	2.34	18589
11. others	0.93	.12	1.05	0.77	0.98	0.85	1.70	0.20	1.90	15081
12. all	37.74	9.87	47.60	46.77	5.63	52.40	84.50	1.50	100.00	795283
13. estd. no. of constructions	300107	78458	378565	371936	44781	416718	672044	120239	795283	—

TABLE (6): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION BY PLINTH AREA, STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

plinth area (in sq-metre)	URBAN									estimated number of construc- tion
	stage of construction									
	completed			not completed			all			
	type of structure									
	pucca	semi- pucca	all	pucca	semi- pucca	all	pucca	semi- pucca	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. less than 20 . . . . .	7.77	4.89	12.66	15.18	2.71	17.88	22.95	1.60	30.55	107561
2. 20-30 . . . . .	2.23	3.80	6.04	5.61	2.90	8.51	7.84	1.70	14.54	51210
3. 30-40 . . . . .	0.70	0.72	1.43	5.98	0.83	6.81	6.68	0.56	8.24	29011
4. 40-50 . . . . .	1.32	0.40	1.73	5.24	0.38	5.62	6.56	0.78	7.35	25878
5. 50-70 . . . . .	1.10	0.61	1.70	7.18	0.67	7.85	8.27	0.28	9.55	33621
6. 70-100 . . . . .	1.79	0.56	2.34	5.68	0.40	6.09	7.47	0.66	8.43	29698
7. 110-150 . . . . .	0.90	0.17	1.07	5.62	0.44	6.06	6.52	0.62	7.13	25123
8. 150-250 . . . . .	0.38	0.25	0.63	3.36	0.09	3.46	3.74	0.34	4.09	14392
9. 250 or more . . . . .	1.33	0.39	1.72	8.21	0.19	8.40	9.54	0.58	10.12	35645
10. all . . . . .	17.51	11.80	29.31	62.07	8.62	70.69	79.58	21.12	100.00	352138
estd. no. of constructions . . . . .	61676	41552	103228	218557	30353	248911	280233	71965	352138	—

TABLE (7) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION BY COST OF CONSTRUCTION, PLINTH AREA AND TYPE OF STRUCTURE

plinth area (sq. metre)		total/estimated total cost of constructions (Rs.)										no. of con- struction								
		less than 2000		1000- 20000		2000- 3000		3000- 5000		5000- 10000			10000- 25000		25000- 50000		50000- 100000		more than 100000	
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)							
less than 20																				
	pucca	0.83	0.90	3.07	2.41	4.09	6.08	2.60	2.51	0.06	22.95	80801								
	semi-pucca	1.95	1.69	0.64	1.62	0.88	0.69	0.08	0.05	0.11	7.60	26759								
	all	2.78	2.58	2.71	4.03	4.97	6.78	2.69	2.56	0.07	30.55	107561								
20—30																				
	pucca	0.02	0.14	0.22	1.17	1.97	3.26	0.50	0.51	0.74	7.84	27619								
	semi-pucca	1.82	1.58	0.09	0.57	2.31	0.27	0.02	0.15	0.15	6.70	23591								
	all	1.84	1.73	0.31	1.74	4.28	3.53	0.52	0.51	0.09	14.54	51210								
30—40																				
	pucca	—	0.18	0.41	0.49	1.23	2.56	1.24	0.53	0.14	6.68	23523								
	semi-pucca	0.02	0.32	0.08	0.17	0.64	0.34	—	—	—	1.56	5487								
	all	0.02	0.50	0.49	0.85	1.87	2.90	1.24	0.53	0.14	8.24	29011								
40—50																				
	pucca	0.21	0.19	0.06	0.32	1.41	2.61	0.97	0.71	0.18	6.56	23117								
	semi-pucca	—	0.06	—	0.06	0.39	0.10	0.10	—	—	0.78	2761								
	all	0.21	0.25	0.06	0.38	1.81	2.78	1.97	0.71	0.28	7.35	25878								
50—70																				
	pucca	0.08	0.03	0.15	0.45	1.24	3.15	2.37	0.66	0.04	8.27	29126								
	semi-pucca	0.01	0.07	—	0.11	0.87	0.14	0.07	0.01	—	1.28	4495								
	all	0.09	0.09	0.15	0.56	2.11	3.29	2.44	0.67	0.04	9.55	33621								
70—100																				
	pucca	0.11	0.01	0.06	0.49	0.47	2.05	2.05	1.88	0.14	7.47	26307								
	semi-pucca	—	0.01	—	0.22	0.29	0.37	0.07	—	—	0.96	3391								
	all	0.11	0.03	0.06	0.71	0.77	2.42	2.12	1.88	0.04	8.43	29698								
100—150																				
	pucca	0.33	0.11	0.02	0.17	0.37	1.30	1.73	1.97	0.13	6.52	22951								
	semi-pucca	0.13	0.03	0.01	0.07	0.09	0.23	0.04	0.03	0.13	0.62	2172								
	all	0.46	0.13	0.03	0.24	0.45	1.52	1.77	2.00	0.13	7.13	25123								
150—250																				
	pucca	—	0.05	0.04	0.12	0.37	1.14	0.90	0.90	0.13	3.74	13187								
	semi-pucca	—	—	0.11	—	0.13	0.09	—	0.01	—	0.34	1205								
	all	—	0.05	0.15	0.12	0.50	1.23	0.90	0.91	0.03	4.09	14392								
250 or more																				
	pucca	0.01	—	—	0.14	0.35	3.06	2.65	1.01	2.13	9.54	33602								
	semi-pucca	0.03	0.13	—	0.08	0.04	0.15	0.01	0.01	0.03	0.58	2043								
	all	0.04	0.13	—	0.23	0.39	3.21	2.66	1.02	2.16	10.12	35645								
all																				
	pucca	1.61	1.61	4.04	5.74	11.50	25.21	15.01	10.68	4.03	79.59	280233								
	semi-pucca	3.94	3.88	0.93	2.90	5.64	2.46	0.39	0.11	0.09	20.42	71905								
	all	5.55	5.49	4.97	8.64	17.13	27.65	15.40	10.79	4.17	100.00	352138								
std. no. of constructions		19543	19336	17421	30429	60336	97413	54220	37990	15311	352138	—								

TABLE (8) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTION BY TOTAL COST OF CONSTRUCTION AND TYPE OF STRUCTURE

total cost of construction (Rs.)	URBAN			estimated number of construction
	type of structure			
	pucca	semi-pucca	all	
(1)	(2)	(3)	(4)	(5)
1. less than 1000 . . . . .	4.77	31.39	15.18	15568
2. 1000—2000 . . . . .	4.35	28.93	14.14	14702
3. 2000—3000 . . . . .	14.61	5.04	10.76	11106
4. 3000—5000 . . . . .	16.89	13.31	15.75	15949
5. 5000—10000 . . . . .	19.41	15.89	17.19	18573
6. 10000—25000 . . . . .	18.42	5.34	13.35	13577
7. 25000—30000 . . . . .	9.14	0.06	5.49	5666
8. 30000—100000 . . . . .	10.08	0.02	6.13	6223
9. more than 100000 . . . . .	2.34	1.01	1.11	1864
10. all . . . . .	100.00	100.00	100.00	103228
11. estd. no. of constructions . . . . .	61676	41552	103228	—



TABLE (9) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION NOT COMPLETED BY ESTIMATED COST OF CONSTRUCTION AND EXPECTED DURATION OF CONSTRUCTION

estimated cost of construction (in Rs.)	expected duration of construction (in months)										total	estimated no. of construction
	less than 6	6—12	12—18	18—24	24—36	36—48	48—60	60 or more	(10)	(11)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1. less than 1000	1.49	0.05	—	0.02	0.03	—	—	—	1.60	3976		
2. 1000—2000	1.47	0.26	0.04	0.05	0.04	—	—	—	1.86	4634		
3. 2000—3000	1.97	0.45	0.05	—	0.07	—	—	0.13	2.57	6385		
4. 3000—5000	4.57	0.77	0.36	0.03	0.04	0.03	0.01	—	5.82	14480		
5. 5000—10000	8.38	3.57	3.87	0.19	0.14	0.22	0.33	0.49	16.78	41763		
6. 10000—25000	16.86	7.00	5.81	1.05	1.98	0.36	0.38	0.14	33.68	83837		
7. 25000—30000	5.65	3.36	5.29	1.70	1.07	1.07	0.69	0.19	19.51	48554		
8. 30000—100000	2.60	3.96	2.17	1.88	1.38	0.33	0.31	0.03	12.76	31766		
9. more than 100000	0.51	1.25	0.66	0.92	0.70	0.25	0.60	0.56	5.43	13517		
10. all	43.49	20.68	18.63	5.84	5.44	2.25	2.33	1.63	100.00	248911		
11. estd. no. of constructions	108261	51472	46376	14541	13552	5599	5788	3312	248911	—		

TABLE (10) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTION BY TOTAL COST OF CONSTRUCTION AND DURATION OF CONSTRUCTION

total cost of construction (in Rs.)	duration of construction (in months)										total	estimated no. of construction
	less than 6	6—12	12—18	18—24	24—36	36—48	48—60	60 or more	(10)	(11)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		
1. less than 1000	13.65	1.09	0.06	0.08	0.06	0.06	0.08	—	15.08	15568		
2. 1000—2000	13.05	0.95	0.18	—	0.06	—	—	—	14.24	14702		
3. 2000—3000	10.23	0.46	0.05	0.03	—	—	—	—	10.76	11106		
4. 3000—5000	10.68	4.09	0.68	—	—	—	—	—	15.45	15949		
5. 5000—10000	13.94	2.62	1.27	0.17	—	—	—	—	17.99	18573		
6. 10000—25000	7.67	2.34	1.07	0.14	0.45	0.51	0.43	5.13	13.15	13577		
7. 25000—30000	2.45	1.67	0.86	0.19	0.16	0.17	—	—	5.49	5666		
8. 30000—100000	0.21	1.52	3.90	0.16	0.23	0.01	—	—	6.03	6223		
9. more than 100000	0.21	0.80	0.40	0.09	0.10	0.16	—	0.14	1.81	1864		
10. all	72.08	16.03	8.48	0.85	1.06	0.91	0.51	0.18	100.00	103228		
11. estd. no. of constructions	74407	16550	3750	875	1098	941	527	10	103228	—		

TABLE (11): PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND WHETHER SANCTION REQUIRED OR NOT

URBAN					
nature of construction	sanction not required	sanction required and obtained	other	total	estimated number of construction
(1)	(2)	(3)	(4)	(5)	(6)
1. new building . . . . .	35.56	43.06	21.30	100.00	367777
2. addition to floor space or building	67.39	22.42	10.19	100.00	196036
3. alternation and improvement of building . . . . .	80.02	11.78	8.20	100.00	231469
4. all building . . . . .	56.35	28.87	14.70	100.00	795283
5. pucca roads bridges and culverts . . . . .	92.40	—	7.60	100.00	263
6. playground, stadia, swimming pools, and other recreational facilities	78.63	21.79	—	100.00	234
7. pucca wells, tube wells and tanks . . . . .	79.22	15.61	5.19	100.00	8189
8. kutcha wells, ponds, tanks embankments is checkoame channels and other irrigation works . . . . .	87.05	10.34	2.61	100.00	2378
9. kutcha roads, bunding, raising and levelling of land and other land improvement works . . . . .	60.04	19.72	20.42	100.00	568
10. laying of orchards and plantations	100.00	—	—	100.00	69
11. installation of industrial plants . . . . .	79.34	20.66	—	100.00	726
12. cattle sheds, poultry sheds, other sheds and platforms . . . . .	74.35	15.04	10.61	100.00	3232
13. others . . . . .	72.50	19.18	8.38	100.00	8309
14. all non building . . . . .	78.75	16.34	6.91	100.00	23968
15. all constructions . . . . .	56.94	28.50	14.55	100.00	819250
16. estimated no. of constructions . . . . .	166508	233505	119230	819250	—

TABLE (12) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE

URBAN

item of expenditure (1)	nature of construction new building		
	pucca (2)	semi-pucca (3)	all (4)
1. stone black	3.20	3.51	3.22
2. stone slab	1.36	0.59	1.32
3. stone chips	3.12	2.81	3.10
4. Bricks (burnt)	10.23	10.90	10.26
5. bricks (unburnt)	0.21	0.86	0.24
6. sand	3.09	2.37	3.05
7. cement	9.04	3.35	8.76
8. lime	1.54	1.31	1.53
9. wood and timber	3.23	9.16	3.53
10. tiles for roof.	2.05	5.24	2.21
11. mosaic tiles	0.38	0.03	0.36
12. other floor tiles	0.43	0.04	0.41
13. asbestos sheets	0.12	0.98	0.17
14. corrugated iron sheets	0.13	2.00	0.23
15. iron and sheets	7.30	1.10	6.99
16. doors and windows	4.46	2.92	4.39
17. iron steel fittings	1.70	0.22	1.62
18. bamboo cane and reed	1.56	2.31	1.60
19. straw, grass and leaves	1.77	0.48	1.70
20. paint and varnish	1.38	1.84	1.40
21. sanitary fittings	0.79	0.17	0.76
22. electrical fittings	1.09	0.50	1.06
23. plumbing and water supply fittings	1.25	0.52	1.21
24. glass fittings	0.28	0.04	0.27
25. bolts nuts and nails	0.57	2.13	0.65
26. pumps tubs iron f pulleys couplings	0.07	0.05	0.07
27. other materials	0.02	0.01	0.01
<b>28. material sub-total</b>	<b>60.38</b>	<b>55.42</b>	<b>60.13</b>
29. labour hired : skilled	10.51	7.85	10.37
30. labour hired : unskilled	8.58	6.02	8.45
31. labour hired : Total	19.09	13.87	18.82
32. household labour	3.17	26.11	4.31
<b>33. labour ; sub-total</b>	<b>22.25</b>	<b>39.98</b>	<b>23.14</b>
34. professional services.	0.84	0.28	0.81
35. industrial services	0.10	0.09	0.10
36. rental and hire charges	11.55	0.43	11.00
37. municipal fees	3.88	0.83	3.73
38. other services charges	1.00	2.97	1.09
<b>39. service charges ; sub-total</b>	<b>17.37</b>	<b>4.60</b>	<b>16.73</b>
<b>40. total expenditure</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
41. used materials	3.13	3.32	3.14
42. estd. total expenditure (in Rs. ten thousand)	2703587	138830	2842417

TABLE (12) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE BY SUB-SAMPLES

item of expenditure	URBAN		
	nature of construction all building		
	pucca	semi-pucca	all
(1)	(5)	(6)	(7)
1. stone block	2.10	2.16	2.11
2. stone slab	1.05	0.40	1.01
3. stone chips	2.60	1.62	2.55
4. bricks (burnt)	7.44	7.14	7.43
5. bricks (unburnt)	0.14	0.51	0.16
6. sand	1.99	1.55	1.97
7. cement	5.97	2.50	5.80
8. lime	1.02	0.77	1.01
9. wood and timber	2.21	5.84	2.40
10. tiles for roof	1.43	3.78	1.55
11. mosaic tiles	0.24	0.04	0.23
12. other floor tiles	0.25	0.04	0.24
13. asbestos sheets	0.60	0.70	0.61
14. corrugated iron sheets	0.10	1.21	0.15
15. iron and sheets	5.67	0.69	5.41
16. doors and windows	4.90	2.50	4.77
17. iron steel fittings	1.14	0.16	1.09
18. bamboo canes and reed	0.84	1.67	0.88
19. straw, grass and leaves	0.94	0.30	0.90
20. paint and varnish	1.96	1.02	1.91
21. sanitary fittings	0.49	0.12	0.48
22. electrical fittings	3.17	0.43	3.59
23. plumbing and water supply fittings	0.73	0.27	0.70
24. glass fittings	0.21	0.04	0.20
25. bolts nuts and nails	6.34	2.00	6.12
26. pumps tubs iron pulleys couplings	0.94	0.04	0.04
27. other materials	0.51	0.01	0.01
28. materials sub-total	54.18	37.52	53.32
29. labour hired : skilled	16.43	11.45	16.17
30. labour hired : unskilled	10.72	11.86	10.78
31. labour hired : total	27.15	23.31	26.95
32. household labour	3.78	18.84	4.56
33. labour : sub-total	30.93	42.15	31.51
34. professional services	1.21	0.17	1.16
35. industrial services	0.72	0.06	0.69
36. rental and hire charges	9.30	16.00	9.64
37. municipal fees	2.36	0.44	2.27
38. other services charges	1.29	3.66	1.41
39. service charges ; sub-total	14.88	20.33	15.16
40. total expenditure	100.00	100.00	100.00
41. used materials	9.62	2.49	9.25
42. estd. total expenditure (in Rs. ten thousands)	5817141	291920	6109061

TABLE (13) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR FOR NON-BUILDING CONSTRUCTION WORK BY ITEM OF EXPENDITURE AND NATURE OF CONSTRUCTION

URABAN

item of expenditure	percentage expenditure										
	nature of construction (code)										
	31	32	33	34	35	36	37	38	39	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1. stone black . . . . .	—	4.00	13.89	0.37	20.60	—	—	0.16	0.25	1.58	
2. stone slab . . . . .	0.25	1.50	0.56	0.54	1.46	—	—	0.18	0.03	0.15	
3. stone chips . . . . .	—	0.57	0.49	0.03	—	—	0.89	0.10	0.38	0.34	
4. bricks (burnt) . . . . .	39.24	54.50	8.58	3.94	12.89	—	30.37	5.61	2.96	5.35	
5. bricks (unburnt) . . . . .	—	—	0.05	—	—	—	—	0.17	0.06	0.06	
6. sand . . . . .	0.72	0.92	2.49	0.75	2.78	—	3.05	0.16	0.29	0.56	
7. cement . . . . .	3.94	5.90	6.26	3.50	5.57	—	5.52	1.17	1.84	2.22	
8. lime . . . . .	—	0.53	1.95	0.10	3.43	41.73	0.30	0.13	0.11	0.30	
9. wood and timber . . . . .	24.60	1.03	0.48	4.55	7.07	—	13.49	1.32	1.62	1.71	
10. tiles for roof . . . . .	—	3.14	—	—	9.43	—	1.26	3.12	0.11	0.90	
11. mosaic tiles . . . . .	—	—	—	—	—	—	—	—	0.01	0.01	
12. other floor tiles . . . . .	—	—	0.07	—	—	—	—	—	0.03	0.03	
13. asbestos sheets . . . . .	6.62	—	—	—	—	—	—	5.17	0.02	1.13	
14. corrugated iron sheets . . . . .	—	—	—	—	—	—	—	—	0.02	0.04	
15. iron and sheets . . . . .	4.12	7.73	0.63	0.33	—	—	1.95	0.95	2.63	2.20	
16. doors and windows . . . . .	1.12	—	0.06	0.78	3.01	—	2.97	2.81	3.70	3.08	
17. iron steel fittings . . . . .	—	—	0.39	0.02	—	—	0.58	0.18	0.13	0.16	
18. bamboo, cane and reed . . . . .	0.62	—	0.02	0.36	0.20	7.41	—	4.37	0.26	1.02	
19. straw grass and leaves . . . . .	—	—	—	—	—	—	—	0.22	0.01	0.05	
20. paint and varnish . . . . .	—	—	—	—	—	—	0.33	6.48	0.02	1.25	
21. sanitary fittings . . . . .	—	—	0.01	—	—	—	—	—	19.40	13.11	
22. electrical fittings . . . . .	2.92	—	5.88	—	—	—	1.28	0.12	0.22	0.66	
23. plumbing and water supply fittings . . . . .	0.23	—	2.31	3.18	—	—	—	0.10	0.52	0.61	
24. glass fittings . . . . .	0.12	—	—	—	—	—	—	—	0.01	0.01	
25. bolts nuts and nails . . . . .	—	0.29	0.08	0.31	0.26	—	0.71	4.23	0.04	0.86	
26. pumps tubs iron full pulleys couplings . . . . .	0.44	—	4.74	0.07	5.78	—	4.36	0.13	0.03	0.51	
27. other materials . . . . .	—	—	—	—	—	—	—	—	—	—	
28. materials sub total . . . . .	84.96	80.11	48.96	18.85	72.48	49.14	67.08	38.61	34.70	37.87	

TABLE (13) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR FOR NON-BUILDING CONSTRUCTION WORK BY ITEM OF EXPENDITURE AND NATURE OF CONSTRUCTION

URBAN

item of expenditure	percent age expenditure										
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	31	32	33	34	35	36	37	38	39	All	
	nature of construction (code)*										
29. labour hired : skilled	7.20	6.71	14.68	17.48	16.00	31.80	16.24	29.13	42.49	36.76	
30. labour hired : unskilled	3.73	8.83	24.79	50.79	6.69	19.06	12.91	19.42	9.95	11.85	
31. labour hired : total	10.93	15.55	39.47	68.26	22.69	50.86	22.95	39.56	52.44	47.91	
32. household labour	3.85	1.88	6.32	12.25	2.36	—	6.45	12.60	12.48	11.66	
33. labour : sub-total	14.78	17.43	45.79	80.52	25.05	50.26	29.40	52.15	64.93	59.56	
34. professional services	—	2.14	1.10	0.27	—	—	—	—	0.02	0.15	
35. industrial services	—	—	0.08	—	—	—	—	—	—	0.01	
36. rental and hire charges	0.13	0.31	1.06	—	2.47	—	3.25	0.19	0.04	0.18	
37. municipal fees	—	—	0.12	0.18	—	—	0.10	3.10	0.07	0.65	
38. other services charges	0.12	—	2.88	0.18	—	—	0.17	6.14	0.24	1.57	
39. service charge : sub-total	0.26	2.46	5.25	0.63	2.47	—	3.52	9.34	0.37	2.56	
40. total expenditure	100.00	100.00	100.0	100.00	100.00	100.00	100.00	100.00	100.00	100.00	
41. used materials	1.74	2.25	7.77	19.41	0.35	0.37	20.19	2.45	11.79	9.53	
42. estd. total expenditure (in Rs. ten thousand)	255	1541	7337	1539	346	21	813	16565	71693	100107	

\*code : pucca roads, bridges and culverts—31, playgrounds, stadia, swimming pools and other recreational facilities—32, pucca wells, tube wells and tanks—33, katcha wells, ponds, tanks, embankments, checkdams, canals and other irrigation work—34, katcha roads, building, raising and levelling of land and other land improvement work—35, laying orchards and plantations—36, installation of industrial plants—37, cattle sheds, poultry sheds, other sheds and platforms—38, other non-building works—39.

TABLE (14): AVERAGE QUANTITY OF CONSUMPTION OF CONSTRUCTION MATERIAL/LABOUR PER CONSTRUCTION ON WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/ LABOUR PER STANDARD UNIT BY ITEM OF CONSTRUCTION, CONSTRUCTION TYPE AND TYPE OF STRUCTURE

		URBAN					
item of construction	standard unit	construction type new building					
		average quantity (in std unit)			cost per std unit (in Rs 0.00)		
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. stone blocks	cu, mtr.	60	10	50	16.59	21.16	16.30
2. stone slabs	sq mtr.	15	2	12	28.10	18.39	27.77
3. stone chips	cu mtr.	24	6	20	39.82	29.05	39.17
4. bricks (burnt)	(00)	192	56	164	16.13	11.99	15.84
5. bricks (unburnt)	(00)	8	6	6	7.50	8.42	7.65
6. sand	cu MTR	57	6	47	16.36	26.08	16.60
7. cement	quintal	58	3	47	46.89	62.41	47.11
8. lime	kg	996	117	817	0.47	0.69	0.47
9. tiles for roof	no	686	481	644	0.91	0.68	0.87
10. mosaic tiles	no	50	1	40	2.30	1.24	2.29
11. other floor tiles	no	55	5	44	2.38	0.49	2.34
12. asbestos sheets	sq mtr.	1	3	2	29.84	18.83	25.42
13. corrugated iron sheet	sq mtr.	1	3	2	36.17	36.98	36.53
14. iron and steel	quintal	14	—	11	157.18	323.28	157.82
15. doors and windows (wooden)	no.	55	2	44	24.63	95.84	25.25
16. paints and varnish	litre	56	11	46	16.80	12.04	16.57
17. hired labour skilled	man days	209	27	172	15.23	17.69	15.31
18. hired labour : unskilled	man days	212	49	179	12.25	7.66	12.00
19. hired labour : total	man days	421	76	351	13.73	11.33	13.62
20. household labour	man days	120	18	99	7.98	89.05	11.02
21. labour sub-total	man days	541	94	450	12.45	26.34	13.05
22. estimated no. of constructions		—	—	—	200233	71905	352138

TABLE (15) : AVERAGE QUANTITY OF CONSUMPTION OF CONSTRUCTION MATERIAL/LABOUR PER CONSTRUCTION WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/LABOUR PER STANDARD UNIT BY ITEM OF CONSTRUCTION, CONSTRUCTION TYPE AND TYPE OF STRUCTURE

		URBAN					
(1)	(2)	construction type all building					
		average quantity (in std. unit)			cost per std. unit (in Rs. 0.00)		
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	all
(9)	(10)	(11)	(12)	(13)	(14)		
1. stone blocks	cu mtr . . . . .	37	7	32	13.97	21.32	14.23
2. stone sales	sq mtr . . . . .	8	2	7	30.77	16.98	30.28
3. stone chips	cu mtr . . . . .	17	4	15	38.10	28.73	37.69
4. bricks (burnt)	(00) . . . . .	107	39	96	17.06	12.88	16.79
5. bricks (unburnt)	(00) . . . . .	4	4	4	8.24	8.20	8.23
6. sand	cu. mtr. . . . .	30	4	26	16.22	24.34	16.44
7. cement	quintal . . . . .	29	3	25	49.60	60.08	49.80
8. lime	Kg. . . . .	532	85	461	.47	.64	.47
9. tiles for roof	No. . . . .	473	370	457	.74	.72	.73
10. mosaic tiles	No. . . . .	26	2	23	2.19	1.15	2.18
11. other floor tiles	No. . . . .	26	4	23	2.33	.67	2.28
12. asbestos sheets	sq. mtr. . . . .	3	2	3	45.19	20.64	42.20
13. corrugated iron sheet	sq. m'r. . . . .	1	2	1	36.39	36.08	36.27
14. iron and steel	quintal . . . . .	9	—	7	100.82	316.96	161.34
15. doors and windows (wooden)	No. . . . .	66	2	56	18.11	96.21	18.52
16. paints and varnish	Litre . . . . .	41	6	35	18.65	12.99	18.48
17. hired labour skilled	man days . . . . .	242	66	214	16.58	12.21	16.37
18. hired labour unskilled	man dags . . . . .	231	94	209	11.33	8.97	11.16
19. hired labour: total	man days . . . . .	473	160	424	14.02	10.31	13.79
20. household labour	man days . . . . .	104	50	96	8.85	26.49	10.32
21. labour sub: total	man days . . . . .	577	210	519	13.08	14.19	13.15
22. estimated no. of construction	. . . . .	—	—	—	656198	123234	779432



TABLE (15) : PERCENTAGE DISTRIBUTION OF ESTIMATED AMOUNT OF FINANCE (RS. IN LAKHS) RAISED BY SOURCE OF FINANCE AND CONSTRUCTION TYPE

(ALL INDIA)  
URBAN

Source of Finance	construction type				estimated finance (Rs.)
	new building	Additional Teration improve- ment of Bldg.	All Building	Non Building	
(1)	(2)	(3)	(4)	(5)	(6)
<b>borrowing from employer</b>					
1. government . . . . .	14.80	2.15	7.57	50.36	27343.48
2. public undertaking . . . . .	3.64	1.72	2.54	0.00	8526.94
3. private undertaking . . . . .	0.66	0.68	0.67	0.00	2245.98
4. others . . . . .	0.15	0.03	0.08	0.00	274.11
5. sub-total . . . . .	19.25	4.57	10.86	50.36	38390.56
<b>borrowing from other sources</b>					
6. government . . . . .	0.18	0.93	0.61	1.92	2106.31
7. life insurance corporation . . . . .	1.66	0.24	0.85	0.03	2844.54
8. other insurance companies . . . . .	0.05	0.00	0.02	0.00	67.63
9. commercial banks . . . . .	1.83	0.63	1.18	0.66	3974.59
10. co-operative banks . . . . .	2.28	0.56	1.30	0.76	4380.98
11. provident fund . . . . .	9.38	0.13	4.09	0.08	13739.76
12. housing association . . . . .	0.98	0.00	0.42	0.00	1420.41
13. housing agency . . . . .	0.46	0.07	0.24	0.00	788.69
14. money lender . . . . .	2.42	0.37	1.25	1.03	4241.25
15. friends and relatives . . . . .	15.73	1.85	7.80	0.94	26213.20
16. others . . . . .	1.28	0.10	0.61	0.28	2050.46
17. sub-total . . . . .	36.25	4.95	18.36	5.71	61826.09
<b>other sources</b>					
18. savings . . . . .	29.67	39.13	35.08	23.90	118625.76
19. pension, gratuity and provident fund . . . . .	2.20	4.22	3.35	0.22	11263.59
20. inherited wealth . . . . .	3.49	0.47	1.76	0.73	5950.00
21. subsidy and grants . . . . .	0.18	0.73	0.49	0.12	1660.75
22. gifts . . . . .	0.45	0.23	0.35	0.21	1191.60
23. others . . . . .	8.52	45.65	29.75	18.75	100538.03
24. sub-total . . . . .	44.51	90.47	70.78	43.93	239212.65
25. total . . . . .	100.00	100.00	100.00	100.00	339419.97
26. estimated finance (Rs.) . . . . .	143728.29	191834.40	335562.72	3857.26	339419.97

TABLE (16) : PERCENTAGE DISTRIBUTION OF AMOUNT OF FINANCE (RS. IN LAKHS) BORROWED BY PERIOD OF FULL REPAYMENT AND RATE OF INTEREST

URBAN

Period of full Repayment (In months)	Rate of interest (In Percent)							Total	Estd. Amount Borrowed Rs.
	Less than 4	4—5	5—6	6—8	8—10	10—20	More than 20		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. less than 6 . . . . .	52.31	0.00	0.01	0.80	0.18	1.33	16.48	71.11	71265.26
2. 6—12 . . . . .	0.14	0.00	0.00	0.04	0.00	0.07	0.02	0.28	279.24
3. 12—24 . . . . .	0.52	0.17	0.01	0.03	0.02	0.85	0.18	1.77	1774.18
4. 24—36 . . . . .	0.45	0.03	0.00	0.05	0.05	1.19	1.01	2.78	2789.77
5. 36—60 . . . . .	1.38	0.00	0.00	0.05	0.18	0.72	0.06	2.41	2410.95
6. 60—120 . . . . .	0.72	0.07	0.13	0.09	0.20	2.14	0.02	3.37	3377.31
7. 120 and more . . . . .	1.90	0.05	0.48	0.64	1.54	2.60	11.07	18.28	18321.60
8. all . . . . .	57.42	0.32	0.62	1.70	2.18	8.90	28.86	100.00	100218.31
9. estd. amount borrowed . . . . .	57542.40	325.20	623.85	1703.09	2185.24	8918.81	28919.75	100218.31	100218.31

TABLE (3) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION AGENCY

Nature of Construction	Construction Agency						All	Estimated No. of Construction
	House-Hold	Housing Cooperative	Educational Institution	Religious Institution	Trust Club Politic-Party Society Etc.	Others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. new building . . . . .	42.00	0.48	—	0.30	—	0.04	42.82	28029
2. addition to floor space or building . . . . .	23.58	0.07	—	—	0.15	—	23.80	15579
3. alternation and improvement of building . . . . .	32.32	—	—	0.08	0.06	0.12	32.57	21321
4. all building . . . . .	97.90	0.55	—	0.38	0.21	0.16	99.19	64929
5. pucca roads bridges and culverts . . . . .	—	—	—	—	—	—	—	—
6. playground, stadia, swimming pools and other recreational facilities . . . . .	—	—	—	—	—	—	—	—
7. pucca wells, tube wells and tanks . . . . .	0.37	0.15	—	—	—	—	0.52	314
	0.38	0.07	—	—	—	—	0.45	296
8. kutchra wells, ponds, tanks, embankments checkdams channels and other irrigation works . . . . .	—	—	—	—	—	—	—	—
9. kutchra roads, bunding, raising and levelling of land and other land improvement works . . . . .	—	—	—	—	—	—	—	—
10. laying of orchards and plantations . . . . .	—	—	—	—	—	—	—	—
11. installation of industrial plants . . . . .	—	—	—	—	—	—	—	—
12. cattle sheds, poultry shods other sheds and platforms . . . . .	—	—	—	—	—	—	—	—
13. others . . . . .	0.36	—	—	—	—	—	0.36	235
14. all non-building. . . . .	0.74	0.07	—	—	—	—	0.81	531
15. all constructions . . . . .	98.64	0.62	—	0.38	0.21	0.16	100.00	65459
16. estimated no. of constructions . . . . .	64569	403	—	246	137	104	65459	—

TABLE (4) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND CONSTRUCTION RESPONSIBILITY

Nature of construction	Construction Responsibility					Estimated No. of Construction
	Owner Undertaking Construction					
	With Paid Labour	Wholly Unpaid Labour	Wholly on Contract	Partly on Contract	All	
	(2)	(3)	(4)	(5)	(6)	
(1)						(7)
1. new building	34.18	26.19	34.73	4.91	100.00	28029
2. addition to floor space or building	44.41	41.50	10.91	3.17	100.00	15579
3. alteration and improvement of building	47.45	41.76	8.63	2.15	100.00	21321
4. all building	40.99	34.98	20.45	3.59	100.00	64929
5. pucca roads bridges and culverts	—	—	—	—	—	—
6. playground stadia, swimming pools and other recreational facilities	—	—	—	—	—	—
7. pucca wells, tube wells, and tanks	22.64	46.28	31.08	—	100.00	296
8. kutchha wells, ponds, tanks, embankments, checkdams channels and other irrigation works	—	—	—	—	—	—
9. kutchha roads, bunding, raising and levelling of land and other land improvement works	—	—	—	—	—	—
10. laying of orchards and plantations	—	—	—	—	—	—
11. installation of industrial plants	—	—	—	—	—	—
12. cattle sheds, poultry sheds other sheds and platforms	—	—	—	—	—	—
13. others	56.60	31.49	11.91	—	100.00	235
14. All-non building.	37.66	39.74	22.41	—	100.00	531
15. all constructions	40.96	35.01	20.46	3.56	100.00	65459
16. estimated no. of constructions	26815	22920	13395	2329	65459	—

TABLE (5) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF BUILDING CONSTRUCTION BY PURPOSE, STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

Purpos	Stage of Construction									Estimated Number of Construction
	Completed			Not Completed			All			
	Type of structure									
	Pucca	Semi-Pucca	All	Pucca	Semi-Pucca	All	Pucca	Semi-Pucca	All	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. residential	39.54	12.83	52.37	31.51	3.48	34.99	71.05	16.31	87.37	56726
2. industrial	0.34	0.06	0.40	2.79	0.23	3.02	3.13	0.29	3.42	2223
3. commercial	0.96	0.28	1.24	0.69	0.04	0.73	1.66	0.32	1.97	1282
4. Agricultural	—	—	—	—	—	—	—	—	—	—
5. educational	—	—	—	—	—	—	—	—	—	—
6. health	—	—	—	—	—	—	—	—	—	—
7. other institutional	0.19	—	0.19	0.15	—	0.15	0.35	—	0.35	225
8. residential cum industrial	—	—	—	0.04	—	0.04	0.04	—	0.04	28
9. residential cum commercial	0.72	—	0.72	0.43	—	0.43	1.15	—	1.15	744
10. residential cum agricultural	—	—	—	5.15	—	5.15	5.15	—	5.15	3346
11. others	0.30	—	0.30	0.24	—	0.24	0.55	—	0.55	355
12. all	42.07	13.17	55.23	41.00	3.76	44.77	83.07	16.93	100.00	64929
13. estd. no. of constructions	27315	8548	35863	25624	2442	29066	53939	10990	64929	—

TABLE (6) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION BY PLINTH AREA, STAGE OF CONSTRUCTION AND TYPE OF STRUCTURE

Plinth Area (In Sq. Metre)	BIG CITIES POOLED									Estimated No. of Construction
	Stage of Construction						all			
	Completed			Not Completed						
	Type of Structure									
	Pucca	Semi-Pucca	All	Pucca	Semi-Pucca	All	Pucca	Semi-Pucca	All	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. less than-20 . . . . .	4.34	3.19	7.53	6.45	1.53	7.98	10.79	4.72	15.51	4348
2. 20—30 . . . . .	1.47	—	1.47	2.48	0.16	2.64	3.94	0.16	4.11	1151
3. 30—40 . . . . .	0.71	1.06	1.77	3.88	0.77	4.65	4.59	1.83	5.41	1798
4. 40—50 . . . . .	0.97	1.31	2.28	0.59	0.27	0.86	1.56	1.58	3.44	880
5. 50—70 . . . . .	0.91	0.27	1.18	3.15	1.43	4.57	4.06	1.70	5.75	1613
6. 70—100 . . . . .	5.36	0.36	5.71	2.53	0.42	2.95	7.89	0.78	8.66	2428
7. 100—150 . . . . .	0.81	0.41	1.22	4.23	—	4.23	5.04	0.41	5.45	1528
8. 150—250 . . . . .	—	2.91	2.91	3.20	0.54	3.74	3.20	3.45	6.65	1864
9. 250 or more . . . . .	7.15	2.91	10.06	34.25	—	34.25	41.40	2.91	44.31	12420
10. All . . . . .	21.71	12.42	34.13	60.75	5.12	65.87	82.46	17.54	100.00	28029
estd. no. of constructions . . . . .	6084	3481	9565	17029	1435	18464	23113	4916	28029	—

TABLE (7) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING COSTRUCTION BY COST OF CONSTRUCTION, PLINTH AREA AND TYPE OF STRUCTURE

BIG CITIES POOLED

Plinth Area (Sq. Metre)		Total/Estimated Total Cost of Constructions (Rs.) Estimated									No. of Con- struction	
		less than 2000	1000— 2000	2000— 3000	3000— 5000	5000— 10,000	10,000— 25,000	25,000— 50,000	50,000— 100,000	100,000— more than 100,000		All
(0)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
20	pucca . . . . .	0.10	0.20	0.53	0.35	3.47	3.65	2.00	—	0.49	10.79	3025
	semi-pucca . . . . .	—	1.56	0.14	0.33	1.99	0.61	—	—	0.10	4.72	1323
	all . . . . .	0.10	1.77	0.67	0.67	5.46	4.26	2.00	—	0.69	15.51	4348
20—30	pucca . . . . .	—	—	—	0.61	1.18	1.50	0.53	0.12	—	3.94	1105
	semi-pucca . . . . .	—	—	—	—	0.16	—	—	—	—	0.16	46
	all . . . . .	—	—	—	0.61	1.35	1.50	0.53	0.12	—	4.11	1151
30—40	pucca . . . . .	—	—	—	0.33	—	0.56	3.60	—	0.10	4.69	1287
	semi-pucca . . . . .	—	—	—	0.45	1.34	0.03	—	—	—	1.83	512
	all . . . . .	—	—	—	0.78	1.34	0.60	3.60	—	0.10	6.41	1798
40—50	pucca . . . . .	0.20	—	0.27	—	0.27	—	0.81	—	—	1.56	436
	semi-pucca . . . . .	—	—	—	—	0.63	0.96	—	—	—	1.58	444
	all . . . . .	0.20	—	0.27	—	0.90	0.96	0.81	—	—	3.14	880
50—70	pucca . . . . .	—	—	—	0.61	—	0.66	1.40	0.36	1.03	4.06	1137
	semi-pucca . . . . .	—	—	—	—	1.63	0.07	—	—	—	1.70	476
	all . . . . .	—	—	—	0.61	1.63	0.72	1.40	0.36	1.03	5.75	1613
70—100	pucca . . . . .	—	—	0.27	—	—	0.20	0.18	6.38	0.85	7.89	2211
	semi-pucca . . . . .	—	—	—	—	—	0.78	—	—	—	0.78	218
	all . . . . .	—	—	0.27	—	—	0.98	0.18	6.38	0.85	8.66	2428
100—150	pucca . . . . .	—	—	—	—	0.42	0.26	1.42	2.14	0.79	5.04	1414
	semi-pucca . . . . .	—	—	—	—	0.41	—	—	—	—	0.41	114
	all . . . . .	—	—	—	—	0.83	0.26	1.42	2.14	0.79	6.45	1528
150—250	pucca . . . . .	—	—	—	—	0.33	0.63	0.80	0.98	0.46	3.20	896
	semi-pucca . . . . .	—	—	1.39	—	1.52	0.54	—	—	—	3.45	968
	all . . . . .	—	—	1.39	—	1.85	1.17	0.80	0.98	0.46	6.65	1864
250 or more	pucca . . . . .	—	—	—	—	0.27	1.74	12.29	6.73	20.37	41.40	11604
	semi-pucca . . . . .	—	1.39	—	—	—	1.52	—	—	—	2.91	816
	all . . . . .	—	1.39	—	—	0.27	3.26	12.29	6.73	20.37	44.31	12420
all	pucca . . . . .	0.30	0.20	1.07	1.89	5.94	9.21	23.03	16.72	24.19	82.46	23113
	semi-pucca . . . . .	—	2.95	1.52	0.77	7.68	4.51	—	—	0.10	17.54	4916
	all . . . . .	0.30	3.15	2.59	2.67	13.63	13.71	23.03	16.72	24.19	100.00	28029
estd. no. of constructions		84	884	727	749	3819	3844	6455	4687	6780	28029	—

TABLE (8) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTIONS BY TOTAL COST OF CONSTRUCTION AND TYPE OF STRUCTURE

Total Cost of Construction (Rs.)	Type of structure			Estimated Number of Construction
	Pucca	Semi-Pucca	All	
	(2)	(3)	(4)	
(1)				(5)
1. less than—1000	0.92	—	0.59	56
2. 1000—2000	0.94	22.12	8.65	827
3. 2000—3000	4.93	11.17	7.20	689
4. 3000—5000	7.76	3.62	6.24	597
5. 5000—10000	16.14	35.33	23.13	2212
6. 10000—25000	6.34	27.75	14.13	1352
7. 25000—30000	8.46	—	5.38	515
8. 30000—100000	50.44	—	32.09	3069
9. more than 100000	4.08	—	2.59	248
10. all	100.00	100.00	100.00	9565
11. estd. no. of constructions	6084	3481	9565	—

TABLE (9) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF NEW BUILDING CONSTRUCTION NOT COMPLETED BY ESTIMATED COST OF CONSTRUCTION AND EXPECTED DURATION OF CONSTRUCTION

Estimated cost of construction (In Rs)	Expected duration of construction (In months)								Estimated No. of construction	
	6	6—12	12—18	18—24	24—36	36—48	48—60	60		Total
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
(1)										(11)
1. less than—1000	0.15	—	—	—	—	—	—	—	0.15	28
2. 1000—2000	0.31	—	—	—	—	—	—	—	0.31	57
3. 2000—3000	0.21	—	—	—	—	—	—	—	0.21	38
4. 3000—5000	0.82	—	—	—	—	—	—	—	0.82	151
5. 5000—10000	2.82	3.11	0.20	—	—	—	2.58	—	8.71	1608
6. 10000—25000	6.56	1.47	3.80	—	—	—	1.67	—	13.50	2492
7. 25000—30000	4.15	4.57	21.41	2.04	—	—	—	—	32.17	5940
8. 30000—100000	2.61	3.35	2.12	0.68	—	—	—	—	8.76	1618
9. more than 100000	0.43	7.29	1.98	10.02	1.82	0.93	6.04	6.87	35.38	6532
10. all	18.05	19.79	29.51	12.73	1.82	0.93	10.29	6.87	100.00	18464
11. estd. no. of constructions	3333	3654	5449	2351	336	172	1900	1269	18464	—

TABLE (10) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF COMPLETED NEW BUILDING CONSTRUCTIONS BY TOTAL COST OF CONSTRUCTION AND DURATION OF CONSTRUCTION

BIG CITIES POOLED

total cost of construction (in Rs.)	duration of construction (in months)								total No. of con- struc- tions	
	6	6-12	12-18	18-24	24-36	36-48	48-60	60		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. less than—1000	0.59	—	—	—	—	—	—	—	0.59	56
2. 1000—2000	8.65	—	—	—	—	—	—	—	8.65	827
3. 2000—3000	5.66	1.56	—	—	—	—	—	—	7.20	689
4. 3000—5000	6.24	—	—	—	—	—	—	—	6.24	597
5. 5000—10000	23.13	—	—	—	—	—	—	—	23.13	2212
6. 10000—25000	12.78	0.64	0.72	—	—	—	—	—	14.13	1352
7. 25000—30000	2.21	1.00	0.77	0.66	—	0.73	—	—	5.38	515
8. 30000—100000	—	2.94	29.15	—	—	—	—	—	32.09	3069
9. more than 100000	—	—	0.96	—	1.04	0.60	—	—	2.59	248
10. all	59.24	6.14	31.59	0.66	1.04	1.33	—	—	100.00	9565
11. estd. no. of constructions	5666	587	3022	63	99	127	—	—	9565	—

TABLE (11) : PERCENTAGE DISTRIBUTION OF ESTIMATED NUMBER OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND WHETHER SANCTION REQUIRED OR NOT

BIG CITIES POOLED

nature of construction	sanction not required	sanction required and obtained	others	total	estimated number of constructions
(1)	(2)	(3)	(4)	(5)	(6)
1. new building	28.53	49.00	22.47	100.00	28029
2. addition to floor space or building	53.94	31.28	14.77	100.00	15579
3. alteration and improvement of building	34.04	12.62	3.34	100.00	21321
4. all building	52.86	32.80	14.34	100.00	64929
5. pucca roads bridges and culverts	—	—	—	—	—
6. playground, stadia, swimming pools and other recreational facilities	—	—	—	—	—
7. pucca wells, tube wells and tanks	88.55	11.15	—	100.00	296
8. kutchha wells, ponds, tanks, embankments, check-dams channels and other irrigation works	—	—	—	—	—
9. kutchha roads, bunding, raising and levelling of land and other land improvement works	—	—	—	—	—
10. laying of orchards and plantations	—	—	—	—	—
11. installation of industrial plants	—	—	—	—	—
12. cattle sheds, poultry sheds, other sheds and platforms	—	—	—	—	—
13. others	76.17	23.83	—	100.00	235
14. all non buildings	83.24	16.76	—	100.00	531
15. all constructions	53.10	32.67	14.22	100.00	65459
16. estimated no of constructions	34761	21388	9311	65459	—

TABLE (12): PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE BY SUB-SAMPLES

BIG CITY POOLED

item of expenditure	nature of construction—new building		
	pucca	semi-pucca	all
(1)	(2)	(3)	(4)
1. stone black	0.46	2.00	0.49
2. stone slab	0.11	0.70	0.12
3. stone chips	2.28	0.84	2.25
4. bricks (burnt)	8.17	17.02	8.34
5. bricks (unburnt)	0.02	0.02	0.02
6. sand	1.28	7.54	1.40
7. cement	8.05	8.86	8.07
8. lime	0.42	1.08	0.43
9. wood and timber	3.59	7.23	3.66
10. tiles for roof	0.05	0.16	0.05
11. mosaic tiles	0.31	—	0.30
12. other floor tiles	0.01	0.06	0.01
13. asbestos sheets	0.12	11.13	0.33
14. corrugated iron sheets	0.01	0.10	0.01
15. iron and sheets	6.19	1.29	6.09
16. doors and windows	2.10	7.12	2.19
17. iron steel fittings	0.67	0.98	0.68
18. bamboo cane and reed	0.02	3.39	0.09
19. straw, grass and leaves	0.01	0.59	0.02
20. paint and varnish	1.03	0.11	1.01
21. sanitary fittings	1.47	0.55	1.45
22. electrical fittings	1.11	2.55	1.14
23. plumbing and water supply fittings	0.47	2.43	0.50
24. glass fittings	0.43	0.03	0.43
25. bolts, nuts and nails	0.15	0.65	0.16
26. pumps tubs iron pulleys couplings	0.01	0.05	0.01
27. other materials	—	—	—
28. materials : sub-total	<b>38.50</b>	<b>76.49</b>	<b>39.24</b>
29. labour hired : skilled	3.43	7.85	3.51
30. labour hired : unskilled	16.20	6.31	16.01
31. labour hired : total	19.63	14.16	19.52
32. household labour	0.09	0.49	0.10
33. labour : sub-total	<b>19.72</b>	<b>14.65</b>	<b>19.62</b>
34. professional services	0.79	1.95	0.81
35. industrial services	0.05	0.44	0.06
36. rental and hire charges	40.29	2.38	39.55
37. municipal fees	0.60	0.24	0.59
38. other services charges	0.05	3.84	0.13
39. service charges : sub-total	<b>41.78</b>	<b>8.86</b>	<b>41.14</b>
40. total expenditure	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
41. used materials	1.13	13.08	1.36
42. estd. total expenditure (in Rs, ten thousand)	504447	9956	514403



TABLE (12): PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR TOWARDS BUILDING CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE BY SUB-SAMPLES

BIG CITY POOLED

item of expenditure (1)	nature of construction—all building		
	pucca (5)	semi-pucca (6)	all (7)
1. stone black	0.49	1.66	0.51
2. stone slab	0.15	1.30	0.17
3. stone chips	6.61	0.89	6.50
4. bricks (burnt)	7.80	15.67	7.96
5. bricks (unburnt)	0.04	0.06	0.04
6. sand	1.60	6.94	1.71
7. cement	7.52	9.18	7.55
8. lime	0.43	1.04	0.44
9. wood and timber	3.31	9.28	3.43
10. tiles for roof	0.07	0.43	0.08
11. mosaic tiles	0.30	0.04	0.29
12. other floor tiles	0.03	0.12	0.03
13. asbestos sheets	0.17	10.27	0.37
14. corrugated iron sheets	0.01	0.55	0.02
15. iron and sheets	6.75	1.12	6.64
16. doors and windows	1.82	6.93	1.92
17. iron steel fittings	0.67	1.16	0.68
18. bamboo, cane and reed	0.03	2.98	0.08
19. straw, grass and leaves	0.01	0.56	0.02
20. paint and varnish	0.87	0.32	0.86
21. sanitary fittings	1.30	0.47	1.29
22. electrical fittings	1.00	3.00	1.93
23. plumbing and water supply fittings	0.41	1.85	0.04
24. glass fittings	0.36	0.02	0.35
25. bolts nuts and nails	0.14	0.70	0.15
26. pumps tubs iron pulleys couplings	0.01	0.04	0.01
27. other materials	—	—	—
28. materials : sub-total	41.91	76.62	42.58
29. labour hired : skilled	7.05	5.62	7.08
30. labour hired : unskilled	18.22	5.43	17.99
31. labour hired : total	25.26	15.05	25.06
32. household labour	0.17	0.67	0.18
33. labour : sub-total	25.43	15.72	25.25
34. professional services	0.68	1.53	0.70
35. industrial services	0.07	0.44	0.08
36. rental and hire charges	31.35	2.16	30.78
37. municipal fees	0.51	0.25	0.50
38. other services charges	0.05	3.32	0.12
39. service charges : sub-total	32.66	7.65	32.17
40. total expenditure	100.00	100.00	100.00
41. used materials	1.49	10.99	1.28
42. estd. total expenditure (in Rs. ten thousand)	670783	15129	683912

TABLE (13): PERCENTAGE DISTRIBUTION OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR FOR NON-BUILDING CONSTRUCTION WORK, BY ITEM OF EXPENDITURE AND NATURE OF CONSTRUCTION

BIG CITY POOLED

item of expenditure	percentage expenditure									
	nature of construction (code)*									
	31	32	33	34	35	36	37	38	39	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. stone black	—	—	—	—	—	—	—	—	—	—
2. stone slab	—	—	—	—	—	—	—	—	—	—
3. stone chips	—	—	1.03	—	—	—	—	—	—	0.44
4. bricks (burnt)	—	—	9.30	—	—	—	—	—	8.25	8.91
5. bricks (unburnt)	—	—	—	—	—	—	—	—	—	—
6. sand	—	—	4.53	—	—	—	—	—	2.29	3.25
7. cement	—	—	23.11	—	—	—	—	—	6.88	13.79
8. lime	—	—	—	—	—	—	—	—	—	—
9. wood and timber	—	—	—	—	—	—	—	—	0.79	0.45
10. tiles for roof	—	—	—	—	—	—	—	—	—	—
11. mosaic tiles	—	—	—	—	—	—	—	—	—	—
12. other floor tiles	—	—	—	—	—	—	—	—	—	—
13. asbestos sheets	—	—	—	—	—	—	—	—	—	—
14. corrugated iron sheets	—	—	—	—	—	—	—	—	—	—
15. iron and sheets	—	—	1.23	—	—	—	—	—	0.38	0.74
16. doors and windows	—	—	—	—	—	—	—	—	—	—
17. iron steel fittings	—	—	0.85	—	—	—	—	—	—	0.36
18. bamboo, gate and reed	—	—	—	—	—	—	—	—	—	—
19. straw, grass and leaves	—	—	—	—	—	—	—	—	—	—
20. paint and varnish	—	—	—	—	—	—	—	—	—	—
21. sanitary fittings	—	—	—	—	—	—	—	—	—	—
22. electrical fittings	—	—	—	—	—	—	—	—	59.58	34.18
23. plumbing and water supply fittings	—	—	10.13	—	—	—	—	—	—	4.34
24. glass fittings	—	—	—	—	—	—	—	—	1.19	0.68
25. bolts, nuts and nails	—	—	—	—	—	—	—	—	—	—
26. pumps tubs iron pulleys couplings	—	—	13.20	—	—	—	—	—	6.44	9.32
27. other materials	—	—	—	—	—	—	—	—	—	—
28. material : sub-total	—	—	63.94	—	—	—	—	—	85.80	76.48
29. labour hired: skilled	—	—	24.08	—	—	—	—	—	10.02	16.01
30. labour hired: unskilled	—	—	9.84	—	—	—	—	—	1.34	4.96
31. labour hired: total	—	—	33.92	—	—	—	—	—	11.36	20.97
32. household labour	—	—	0.60	—	—	—	—	—	0.69	0.65
33. labour: sub-total	—	—	34.52	—	—	—	—	—	12.05	21.63
34. professional services	—	—	—	—	—	—	—	—	—	—
35. industrial services	—	—	—	—	—	—	—	—	—	—
36. rental and hire charges	—	—	0.79	—	—	—	—	—	—	0.34
37. municipal fees	—	—	—	—	—	—	—	—	—	—
38. other services charges	—	—	0.75	—	—	—	—	—	2.15	1.55
39. service charges: Sub-total	—	—	1.54	—	—	—	—	—	2.15	1.89
40. total expenditure	—	—	100.00	—	—	—	—	—	100.00	100.00
41. used materials	—	—	70.07	—	—	—	—	—	6.08	33.36
42. estd. total expenditure (in Rs. ten thousand)	—	—	84	—	—	—	—	—	77	162

\*code: pucca roads, bridges and culverts—31, playgrounds, stadia, swimming pools and other recreational facilities—32, pucca wells, tube wells and tanks—33, katcha wells, ponds, tanks, embankments, checkdams, channels and other irrigation work—34, katcha roads, building, raising and levelling of land and other land improvement work—35, laying orchards and plantations—36, installation on industrial plants—37, cattle sheds, poultry sheds, other sheds and platforms—38, other non-building works—39.

TABLE (14): AVERAGE QUANTITY OF CONSUMPTION OF CONSTRUCTION MATERIAL/LABOUR PER CONSTRUCTION WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/LABOUR PER STANDARD UNIT BY ITEM OF CONSTRUCTION, CONSTRUCTION TYPE AND TYPE OF STRUCTURE.

BIG CITIES POOLED

item of construction	standard unit	construction type-all building					
		average quantity (in std. unit)			cost per std.—unit (in Rs. 0.00)		
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. stone blocks . . . . .	cu. mtr.	17	4	15	11.24	16.11	11.46
2. stone glass . . . . .	sq. mtr.	3	3	3	22.70	16.87	21.62
3. stone chips . . . . .	cu. mtr.	55	1	46	46.15	26.07	46.06
4. bricks (burnt) . . . . .	(00)	147	26	126	20.33	22.04	20.44
5. bricks (unburnt) . . . . .	(00)	1	—	1	21.40	23.93	21.46
6. sand . . . . .	cu. mtr.	37	10	33	16.53	25.81	16.87
7. cement . . . . .	quintal	36	4	30	60.76	80.73	80.76
8. lime . . . . .	kg.	989	61	832	0.17	0.64	0.17
9. tiles for roof . . . . .	no.	59	21	53	0.46	0.75	0.48
10. mosaic tiles . . . . .	no.	71	2	60	1.60	0.83	1.60
11. other floor tiles . . . . .	no.	4	1	3	3.02	6.25	3.14
12. asbestos sheets . . . . .	sq. mtr.	2	19	5	28.33	19.72	22.87
13. corrugated iron sheet . . . . .	sq. mtr.	—	—	—	36.49	41.48	38.83
14. iron and steel . . . . .	quintal	8	—	6	335.35	397.07	335.52
15. doors and windows (wooden) . . . . .	no.	3	2	3	215.18	145.09	208.13
16. paints and varnish . . . . .	litre	16	—	14	36.61	115.83	37.09
17. hired labour skilled . . . . .	man days	252	14	211	10.72	23.11	10.86
18. hired labour: unskilled . . . . .	man days	86	24	76	69.98	10.05	77.20
19. hired labour: total . . . . .	man days	338	38	287	28.64	14.87	28.33
20. household labour . . . . .	man days	5	3	5	2.43	18.24	11.99
21. labour sub-total . . . . .	man days	343	41	292	28.39	14.37	28.06
22. estimated no. of constructions . . . . .		—	—	—	53939	10990	64929

TABLE (14): AVERAGE QUANTITY OF CONSUMPTION OF CONSUMPTION MATERIAL/LABOUR PER CONSTRUCTION WORK AND AVERAGE COST OF CONSTRUCTION MATERIALS/LABOUR PER STANDARD UNIT BY ITEM OF CONSUMPTION TYPE AND TYPE OF STRUCTURE.

BIG CITIES POOLED

(1)	(2)	construction type—new building					
		average quantity (in std. unit)			cost per std. unit (in Rs. 0.00)		
		type of structure					
		pucca	semi-pucca	all	pucca	semi-pucca	all
(3)	(4)	(5)	(6)	(7)	(8)		
1. stone blocks . . . . .	cu. mtr.	34	8	29	9.25	15.45	9.55
2. stone glass . . . . .	sq. mtr.	3	3	3	21.11	16.43	20.44
3. stone chips . . . . .	cu. mtr.	52	2	44	29.75	22.47	29.68
4. bricks (burnt) . . . . .	(00)	253	49	221	21.64	22.02	21.66
5. bricks (unburnt) . . . . .	(00)	1	—	1	20.57	10.00	20.25
6. sand . . . . .	cu. mtr.	64	19	56	13.68	24.85	14.35
7. cement . . . . .	quintal	63	7	53	87.95	81.88	87.81
8. lime . . . . .	kg.	2083	114	1737	0.14	0.60	0.14
9. tiles for roof . . . . .	no.	80	5	67	0.41	2.22	0.43
10. mosaic tiles . . . . .	no.	115	—	96	1.81	—	1.80
11. other floor tiles . . . . .	no.	1	—	1	3.08	8.00	3.40
12. asbestos sheets . . . . .	sq. mtr.	3	39	10	22.82	18.26	19.61
13. corrugated iron sheet . . . . .	sq. mtr.	—	—	—	44.34	38.57	42.61
14. iron and steel . . . . .	quintal	13	—	11	314.50	383.78	314.74
15. doors and windows (wooden) . . . . .	no.	7	3	6	219.42	149.48	213.17
16. paints and varnish . . . . .	litre	15	—	29	53.45	274.60	33.82
17. hired labour skilled . . . . .	man days	40	24	37	58.79	21.16	54.59
18. hired labour: unskilled . . . . .	man days	75	42	70	146.75	9.46	132.14
19. hired labour: total . . . . .	man days	115	66	107	116.34	13.65	105.24
20. household labour . . . . .	man days	5	3	4	12.59	11.42	12.46
21. labour sub-total . . . . .	man days	120	68	111	112.19	13.56	101.53
22. estimated no. of constructions . . . . .		—	—	—	23113	4916	28029

TABLE (15): PERCENTAGE DISTRIBUTION OF ESTIMATED AMOUNT OF FINANCE RAISED (RS. IN LAKHS) BY SOURCE OF FINANCE AND CONSTRUCTION TYPE.

source of finance	construction type				estd. finance Rs.
	new building	addition alteration improvement of building	all building	non-building	
	(2)	(3)	(4)	(5)	
(1)					(6)
<b>BORROWING FROM EMPLOYER</b>					
1. government	26.52	0.63	24.72	0.00	18853.46
2. public undertaking	0.93	0.05	0.86	0.00	659.33
3. private undertaking	0.06	1.51	0.16	0.00	122.88
4. others	0.09	0.33	0.11	0.00	84.73
5. sub-total	27.60	2.52	25.85	0.00	19720.39
<b>BORROWING FROM OTHER SOURCES</b>					
6. government	0.05	0.10	0.05	0.00	38.62
7. life insurance corporation	0.51	0.03	0.48	0.00	366.31
8. other insurance companies	0.00	0.00	0.00	0.00	0.00
9. commercial banks	0.51	1.37	0.67	0.00	431.83
10. co-operative banks	0.77	1.29	0.81	0.00	615.55
11. provident fund	17.45	0.42	16.26	0.00	12405.44
12. housing association	0.16	0.03	0.15	0.00	113.25
13. housing agency	0.02	0.82	0.08	0.00	60.36
14. money lender	0.19	1.01	0.24	0.00	185.02
15. friends and relatives	19.12	2.57	17.97	0.34	13706.04
16. others	1.14	1.10	1.14	0.00	866.89
17. sub-total	39.91	8.75	37.74	0.34	28789.32
<b>OTHER SOURCES</b>					
18. savings	27.35	62.33	29.78	99.66	22725.05
19. pension, gratuity and provident fund	1.21	2.34	1.29	0.00	983.90
20. inherited wealth	1.03	0.86	1.02	0.00	775.34
21. subsidy and grants	0.00	17.78	1.23	0.00	941.74
22. gifts	0.04	0.14	0.05	0.00	37.11
23. others	2.86	5.29	3.03	0.00	2311.12
24. sub-total	32.50	88.74	36.40	99.66	27774.26
25. total	100.00	100.00	100.00	100.00	76283.97
26. estimated finance (Rs.)	70979.36	5297.85	76277.21	6.76	76286.97

TABLE (16): PERCENTAGE DISTRIBUTION OF AMOUNT OF FINANCE BORROWED (RS. IN LAKHS) BY PERIOD OF FULL REPAYMENT AND RATE OF INTEREST.

period of full repayment (in months)	URBAN BIG CITIES POOLED								total	estd. amount borrowed—Rs.
	rate of interest (in percent)									
	less than 4	4—5	5—6	6—8	8—10	10—20	more than 20			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1. less than 6 . . . . .	55.18	0.00	0.00	1.20	0.27	0.51	15.58	72.73	35281.95	
2. 6—12 . . . . .	0.01	0.00	0.00	0.00	0.00	0.04	0.01	0.07	31.73	
3. 12—24 . . . . .	0.13	0.00	0.00	0.00	0.01	0.41	0.03	0.59	285.66	
4. 24—36 . . . . .	0.09	0.04	0.00	0.02	0.00	0.07	0.03	0.24	115.27	
5. 36—60 . . . . .	0.07	0.00	0.00	0.00	0.00	0.18	0.03	0.29	139.06	
6. 60—120 . . . . .	0.86	0.00	0.02	0.03	0.03	0.68	0.02	1.64	193.85	
7. 120 and more . . . . .	1.01	0.00	0.00	0.16	0.02	1.20	22.07	24.45	11862.20	
8. all . . . . .	57.35	0.04	0.02	1.40	0.33	3.11	37.76	100.00	48509.71	
9. estd. amount borrowed (Rs.)	27819.12	17.16	9.81	680.76	158.18	1507.07	18317.61	48509.71	48509.72	

# Results on Building Construction

NSS 44th Round (July 1988—June 1989)

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TABLE (1): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND STAGE OF CONSTRUCTION BY STATE AND UNION TERRITORY

state/u.t.	new building			addition to floor space			alteration and improvement			all			esti- mated no. of con- struc- tions
	com- pleted	under constn.	all	com- pleted	under constn.	all	com- pleted	under constn.	all	com- pleted	under constn.	all	
1. Andhra Pradesh	25.58	16.66	42.24	6.67	0.96	7.83	47.93	2.19	50.13	80.19	19.81	100.00	987163
2. Assam	48.51	13.66	62.17	3.05	0.95	4.00	32.78	1.04	33.82	84.34	15.66	100.00	157340
3. Bihar	46.48	20.78	67.26	4.07	1.38	5.45	22.17	5.12	27.29	72.72	27.28	100.00	1316865
4. Gujarat	27.54	24.51	52.05	14.84	2.23	17.08	28.03	2.85	30.87	70.41	29.59	100.00	185270
5. Haryana	18.11	11.16	29.27	30.45	6.53	36.97	31.86	1.90	33.76	80.41	19.59	100.00	280345
6. Himachal Pradesh	20.09	52.69	72.78	9.20	9.40	18.80	4.99	3.62	8.62	34.29	65.71	100.00	117959
7. Jammu & Kashmir	17.58	25.50	43.08	16.98	6.36	23.34	30.07	3.51	33.58	64.63	35.37	100.00	132111
8. Karnataka	32.25	29.71	61.96	8.94	7.78	16.72	16.29	5.03	21.32	57.48	42.52	100.00	197478
9. Kerala	30.46	38.95	69.41	9.75	4.71	14.47	14.20	1.92	16.13	54.41	45.59	100.00	565863
10. Madhya Pradesh	36.38	31.40	67.78	12.38	5.30	17.88	11.68	2.87	14.55	60.44	39.56	100.00	450083
11. Maharashtra	31.47	21.04	52.51	10.37	4.59	14.96	29.27	3.26	32.53	71.10	28.90	100.00	471600
12. Manipur	50.55	39.76	90.31	5.55	2.15	7.71	0.59	1.39	1.98	56.69	43.31	100.00	4087
13. Meghalaya	57.14	10.71	67.84	9.79	0.80	10.59	21.08	0.48	21.56	88.01	11.89	100.00	14701
14. Orissa	20.02	44.31	64.34	6.78	5.16	11.94	22.33	1.40	23.72	49.14	50.86	100.00	241748
15. Punjab	18.32	6.58	24.90	20.94	5.04	25.97	43.74	5.38	49.12	83.00	17.00	100.00	541295
16. Rajasthan	24.67	21.78	46.45	16.83	18.13	34.96	13.78	4.81	18.59	55.28	44.72	100.00	393648
17. Sikkim	25.36	20.37	45.74	3.33	12.27	15.59	25.36	13.31	38.67	54.05	45.95	100.00	482
18. Tamilnadu	27.76	21.82	49.58	7.26	1.12	8.38	39.94	2.09	42.04	74.97	25.03	100.00	815784
19. Tripura	38.90	13.66	52.56	6.31	0.85	7.16	36.21	4.07	40.27	81.42	18.58	100.00	45619
20. Uttar Pradesh	23.66	15.17	38.84	12.94	4.44	17.38	40.33	3.45	43.78	76.94	23.06	100.00	2299387
21. West Bengal	33.14	18.75	51.89	6.29	3.11	9.40	35.50	3.21	38.71	74.93	25.07	100.00	1178555
22. Andaman & Nicobar	40.75	24.68	65.43	11.76	5.96	17.72	14.73	2.12	16.85	67.24	32.76	100.00	3640
23. Arunachal Pradesh	84.58	4.18	88.75	2.29	6.68	8.97	2.28	—	2.28	89.15	10.85	100.00	5361
24. Chandigarh	19.46	55.44	74.90	—	6.85	6.85	8.86	9.40	18.26	68.32	71.68	100.00	744
25. Dadra & Nagar Havel	21.64	28.76	50.40	2.11	—	2.11	40.37	7.12	47.49	64.12	35.88	100.00	379
26. Delhi	18.09	13.30	31.39	18.71	—	18.71	30.11	19.79	49.90	66.91	33.09	100.00	14444
27. Goa	8.31	32.05	40.36	13.53	9.30	22.82	26.86	9.96	36.82	48.70	51.30	100.00	9551
28. Lakshadweep	5.87	37.80	43.86	14.30	13.54	27.84	20.43	8.05	28.48	40.61	59.39	100.00	784
29. Mizoram	90.96	6.13	97.09	1.12	0.42	1.54	0.72	0.65	1.37	92.80	7.20	100.00	10522
30. Pondicherry	53.53	25.52	69.05	6.36	2.17	8.53	10.04	2.38	12.42	69.93	30.07	100.00	4702
31. Daman & Diu	59.95	9.71	69.66	4.13	—	4.13	24.27	1.94	26.21	88.35	11.65	100.00	412
32. All India	29.61	20.54	50.16	10.38	4.02	14.40	32.08	3.36	35.44	72.07	27.93	100.00	10447901

TABLE (2): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY OWNERSHIP TYPE BY STATE AND UNION TERRITORY

States/ut	house- hold for own use	housing co-op.	educa- tional institution	religi- ous ins- titution	trust club etc.	Promoter contractor	others	RURAL	
								total	estd. no. of cons- truction
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Andhra Pradesh	98.94	0.18	0.02	0.22	0.12	—	0.52	100.00	987163
2. Assam	98.28	—	0.05	0.12	—	—	1.55	100.00	157340
3. Bihar	99.57	—	0.03	0.13	—	—	0.27	100.00	1316865
4. Gujarat	99.50	—	—	0.50	—	—	—	100.00	185270
5. Haryana	99.73	—	—	0.14	—	—	—	100.00	280345
6. Himachal Pradesh	97.28	0.07	—	0.34	—	0.14	2.17	100.00	117959
7. Jammu & Kashmir	98.05	—	0.17	0.53	0.01	0.01	1.22	100.00	132111
8. Karnataka	96.93	—	0.29	1.15	0.43	—	1.21	100.00	197478
9. Kerala	99.00	0.17	—	0.39	0.07	—	0.37	100.00	565863
10. Madhya Pradesh	97.53	—	0.09	0.30	0.17	—	1.86	100.00	450083
11. Maharashtra	99.22	0.05	0.02	0.08	0.17	—	0.45	100.00	471600
12. Manipur	98.75	—	—	—	—	—	1.25	100.00	4087
13. Meghalaya	99.31	—	0.24	—	—	—	0.45	100.00	14701
14. Orissa	97.04	0.30	0.45	0.69	0.54	0.10	0.87	100.00	241748
15. Punjab	98.48	0.30	0.19	0.28	0.08	—	0.68	100.00	541295
16. Rajasthan	97.98	—	—	1.81	—	—	0.22	100.00	393648
17. Sikkim	100.00	—	—	—	—	—	—	100.00	482
18. Tamil Nadu	97.68	0.75	0.21	0.82	0.25	0.01	0.27	100.00	815784
19. Tripura	99.57	—	—	0.16	—	—	0.27	100.00	45619
20. Uttar Pradesh	98.55	0.01	0.06	0.37	0.74	0.01	0.96	100.00	2299387
21. West Bengal	98.53	—	0.06	0.66	0.22	—	0.52	100.00	1178535
22. Andaman & Nicobar	91.81	—	—	1.73	1.21	—	5.25	100.00	3640
23. Arunachal Pradesh	99.57	—	—	—	—	—	0.43	100.00	5361
24. Chandigarh	100.00	—	—	—	—	—	—	100.00	744
25. Dadra & Nagar Haveli	98.68	—	—	—	1.32	—	—	100.00	14444
26. Delhi	99.69	—	—	—	—	0.31	—	100.00	9551
27. Goa	100.00	—	—	—	—	—	—	100.00	784
28. Lakshadweep	100.00	—	—	—	—	—	—	100.00	10522
29. Mizoram	99.95	—	—	—	—	0.05	—	100.00	10522
30. Pondicherry	96.15	1.08	0.49	0.81	—	—	1.47	100.00	4702
31. Daman and Diu	100.00	—	—	—	—	—	—	100.00	412
32. All India	98.80	0.11	0.08	0.44	0.11	0.01	0.65	100.00	10447901

TABLE (3): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY AGENCY OF CONSTRUCTION BY STATE AND UNION TERRITORY

state/u.t.							RURAL	
	owner with or without paid labour	owner with wholly paid labour	partly through contractor	wholly through contractor	n.r.	total	estimated number of cons- truction	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1. Andhra Pradesh	80.26	18.19	1.03	0.52	—	100.00	987163	
2. Assam	77.56	22.07	0.37	—	—	100.00	157340	
3. Bihar	74.11	25.15	0.71	0.03	—	100.00	1316865	
4. Gujarat	66.14	26.49	1.11	6.26	—	100.00	185270	
5. Haryana	96.65	3.10	0.04	0.21	—	100.00	280345	
6. Himachal Pradesh	92.50	7.10	0.22	0.17	—	100.00	117959	
7. Jammu & Kashmir	88.23	11.50	0.14	0.13	—	100.00	132111	
8. Karnataka	66.98	29.10	2.71	1.21	—	100.00	197478	
9. Kerala	74.59	24.28	0.98	0.15	—	100.00	565863	
10. Madhya Pradesh	91.10	7.77	0.92	0.21	—	100.00	450083	
11. Maharashtra	78.94	19.94	0.54	0.58	—	100.00	471600	
12. Manipur	64.64	32.92	2.45	—	—	100.00	4087	
13. Meghalaya	95.94	3.99	—	0.07	—	100.00	14701	
14. Orissa	82.90	14.62	2.42	0.06	—	100.00	241743	
15. Punjab	91.85	8.12	0.03	—	—	100.00	541295	
16. Rajasthan	89.20	8.28	1.78	0.75	—	100.00	393648	
17. Sikkim	100.00	—	—	—	—	100.00	482	
18. Tamil Nadu	78.93	19.12	1.78	0.17	—	100.00	815784	
19. Tripura	48.08	50.74	1.08	0.10	—	100.00	45619	
20. Uttar Pradesh	86.89	11.46	1.08	0.57	—	100.00	2299387	
21. West Bengal	74.29	25.33	0.34	0.04	—	100.00	1178535	
22. Andaman & Nicobar	83.68	13.96	1.81	0.55	—	100.00	3640	
23. Arunachal Pradesh	94.55	4.81	0.47	0.17	—	100.00	5361	
24. Chandigarh	91.94	7.39	0.67	—	—	100.00	744	
25. Dadra & Nagar Haveli	48.28	51.72	—	—	—	100.00	379	
26. Delhi	34.03	52.63	11.54	1.80	—	100.00	14444	
27. Goa	65.43	26.70	6.71	1.16	—	100.00	9551	
28. Lakshadweep	95.03	4.97	—	—	—	100.00	784	
29. Mizoram	99.08	0.88	0.04	—	—	100.00	10522	
30. Pondicherry	91.62	5.66	2.72	—	—	100.00	4702	
31. Daman & Diu	83.25	16.75	—	—	—	100.00	412	
32. All India	81.23	17.40	0.95	0.42	—	100.00	10447901	

TABLE (4): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY PURPOSE AND TYPE OF STRUCTURE

ALL-INDIA:		type of structure				estimate	no. of
srl. no.	purpose of constructions	pucca	semi pucca	katcha	total	no. of construction	sample constructions
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	residential	36.15	20.06	34.00	90.22	9426509	25248
2.	industrial	0.29	0.05	0.12	0.46	47782	157
3.	commercial	0.91	0.38	0.25	1.54	160801	648
4.	agricultural	1.14	0.74	1.20	3.08	321984	859
5.	educational	0.05	0.03	0.04	0.12	12544	41
6.	health	0.06	—	—	0.06	6550	17
7.	residential cum industrial	0.13	0.08	0.09	0.31	31908	80
8.	residential cum commercial	0.31	0.11	0.34	0.76	79808	194
9.	others	1.49	0.71	1.25	3.45	360015	1180
10.	all	40.54	22.17	37.29	100.00	10447901	28424
estimated no. of constructions		4235826	2316390	2895685	10447901	—	—

TABLE (5): AVERAGE COST (Rs.) OF CONSTRUCTION PER SQUARE METRE FOR COMPLETED NEW BUILDING CONSTRUCTION BY TYPE OF STRUCTURE

		type of structure				estimated	no. of
state/union territory		pucca	semi pucca	katcha	all	no. of construction	sample construction
(1)		(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh	487	300	88	312	252528	813
2.	Assam	844	440	65	137	76327	338
3.	Bihar	792	191	73	357	612057	1249
4.	Gujarat	662	433	77	551	51024	179
5.	Haryana	466	416	117	445	50778	294
6.	Himachal Pradesh	729	503	268	649	23699	116
7.	Jammu & Kashmir	639	235	273	380	23223	481
8.	Karnataka	442	142	102	250	63679	275
9.	Kerala	643	307	97	495	172337	998
10.	Madhya Pradesh	420	183	62	196	163733	480
11.	Maharashtra	503	154	125	285	148395	629
12.	Manipur	—	349	257	270	2066	65
13.	Meghalaya	931	514	94	164	8399	79
14.	Orissa	330	72	97	126	48410	126
15.	Punjab	418	277	186	370	99187	663
16.	Rajasthan	593	197	114	348	97127	233
17.	Sikkim	980	—	315	526	122	7
18.	Tamilnadu	631	237	112	353	226474	966
19.	Tripura	731	382	57	127	17747	219
20.	Uttar Pradesh	477	162	84	275	544134	1643
21.	West Bengal	656	166	105	283	390573	736
22.	Andaman & Nicobar Island	653	83	108	236	1483	126
23.	Arunachal Pradesh	653	1136	494	639	4535	71
24.	Chandigarh	835	196	—	706	145	14
25.	Dadra & Nagar Haveli	390	119	231	251	82	13
26.	Delhi	1594	379	—	1453	2613	22
27.	Goa	441	—	371	437	794	10
28.	Lakshadweep	659	165	—	457	46	9
29.	Mizoram	457	646	164	549	9570	128
30.	Pondicherry	912	237	135	522	2517	72
31.	Daman & Diu	1250	606	—	790	247	7
32.	All India	594	205	89	324	3094045	11061

TABLE (6): AVERAGE FLOOR AREA (S.Q.M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	RURAL			
	new building completed			
	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh	48	31	27	33
2. Assam	42	31	42	41
3. Bihar	67	44	44	50
4. Gujarat	55	32	14	39
5. Haryana	45	17	21	39
6. Himachal Pradesh	43	23	18	34
7. Jammu & Kashmir	60	51	39	51
8. Karnataka	61	55	21	47
9. Kerala	61	36	28	46
10. Madhya Pradesh	45	40	53	44
11. Maharashtra	39	49	20	38
12. Manipur	—	50	70	66
13. Meghalaya	43	63	26	27
14. Orissa	65	105	33	51
15. Punjab	38	25	20	32
16. Rajasthan	34	37	29	33
17. Sikkim	46	—	15	34
18. Tamil Nadu	36	33	20	27
19. Tripura	34	29	61	51
20. Uttar Pradesh	44	37	32	37
21. West Bengal	45	33	29	37
22. Andaman & Nicobar	28	98	24	40
23. Arunachal Pradesh	44	53	49	50
24. Chandigarh	74	30	—	57
25. Dadra & Nagar Haveli	68	39	29	40
26. Delhi	63	66	—	63
27. Goa	78	—	62	77
28. Lakshadweep	28	41	—	32
29. Mizoram	68	41	41	48
30. Pondicherry	69	33	23	38
31. Daman & Diu	32	32	—	32
32. All India	49	40	33	40

TABLE (6): AVERAGE FLOOR AREA (S.Q.M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	new building under construction			
	pucca	semi-pucca	katcha	all
(8)	(6)	(7)	(8)	(9)
1. Andhra Pradesh	48	31	30	44
2. Assam	54	38	24	41
3. Bihar	67	29	47	53
4. Gujarat	71	48	18	57
5. Haryana	94	17	20	85
6. Himachal Pradesh	59	36	16	50
7. Jammu & Kasnmir	80	77	38	76
8. Karnataka	60	46	56	54
9. Kerala	56	36	32	53
10. Madhya Pradesh	58	39	35	47
11. Maharashtra	59	59	22	57
12. Manipur	46	39	42	41
13. Meghalaya	46	39	62	52
14. Orissa	51	48	29	42
15. Punjab	50	27	22	47
16. Rajasthan	78	33	37	60
17. Sikkim	41	6	—	33
18. Tamil Nadu	50	51	21	48
19. Tripura	34	45	83	54
20. Uttar Pradesh	61	41	44	57
21. West Bengal	56	36	31	47
22. Andaman & Nicobar	51	27	18	39
23. Arunachal Pradesh	37	37	—	37
24. Chandigarh	67	—	—	67
25. Dadra & Nagar Haveli	35	42	18	30
26. Delhi	103	33	—	96
27. Goa	55	—	48	54
28. Lakshadweep	64	—	—	64
29. Mizoram	57	36	41	38
30. Pondicherry	76	37	14	55
31. Daman & Diu	77	—	—	77
32. All India	59	41	34	52

TABLE (6): AVERAGE FLOOR AREA (S.Q. M) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	RURAL			
	addition to floor space—completed			
	pucca	semi-pucca	katcha	all
(1)	(10)	(11)	(12)	(13)
1. Andhra Pradesh	16	21	21	19
2. Assam	84	95	28	69
3. Bihar	25	22	28	24
4. Gujarat	19	14	17	18
5. Haryana	28	23	20	27
6. Himachal Pradesh	16	10	29	17
7. Jammu & Kashmir	34	28	24	30
8. Karnataka	30	19	15	24
9. Kerala	22	12	17	20
10. Madhya Pradesh	46	41	41	42
11. Maharashtra	21	15	14	18
12. Manipur	—	—	20	20
13. Meghalaya	14	18	15	16
14. Orissa	10	35	8	22
15. Punjab	28	50	17	31
16. Rajasthan	27	28	17	22
17. Tamil Nadu	21	13	15	17
18. Tripura	117	21	21	22
19. Uttar Pradesh	27	29	21	25
20. West Bengal	13	21	16	19
21. Andaman & Nicobar	15	11	13	14
22. Arunachal Pradesh	—	31	—	31
23. Dadra & Nagar Haveli	—	11	31	28
24. Delhi	15	—	—	55
25. Goa	10	—	—	10
26. Lakshadweep	33	21	17	27
27. Mizoram	—	24	17	21
28. Pondicherry	10	13	10	11
29. Daman & Diu	8	—	—	8
30. All India	25	28	19	25

TABLE (6): AVERAGE FLOOR AREA (S.Q. M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	addition to floor space—under construction			
	pucca	semi-pucca	katcha	all
(1)	(14)	(15)	(16)	(17)
1. Andhra Pradesh . . . . .	26	20	7	25
2. Assam . . . . .	12	21	15	19
3. Bihar . . . . .	41	17	45	35
4. Gujarat . . . . .	15	22	—	16
5. Harayana . . . . .	83	12	59	79
6. Himachal Pradesh . . . . .	37	24	8	33
7. Jammu & Kashmir . . . . .	44	28	45	40
8. Karnataka . . . . .	27	33	—	30
9. Kerala . . . . .	26	15	5	24
10. Madhya Pradesh . . . . .	17	29	20	22
11. Maharashtra . . . . .	42	14	20	34
12. Manipur . . . . .	—	—	18	18
13. Meghalaya . . . . .	45	17	—	34
14. Orissa . . . . .	80	44	27	57
15. Punjab . . . . .	78	20	—	65
16. Rajasthan . . . . .	26	40	46	31
17. Sikkim . . . . .	1	27	—	19
18. Tamil Nadu . . . . .	27	20	15	25
19. Tripura . . . . .	34	—	16	16
20. Uttar Pradesh . . . . .	55	20	19	45
21. West Bengal . . . . .	29	53	17	34
22. Andaman & Nicobar . . . . .	24	—	7	24
23. Arunchal Pradesh . . . . .	—	306	—	306
24. Chandigarh . . . . .	27	—	—	27
25. Goa . . . . .	32	—	—	32
26. Lakshadweep . . . . .	20	—	—	20
27. Mizoram . . . . .	—	68	20	26
28. Pondicherry . . . . .	23	—	—	23
29. All -India . . . . .	44	28	29	39



TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			RURAL			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>ALL INDIA</b>						
1.	pucca	completed	27172	10729	6466	16282
2.	"	under construction	51284	22177	13521	43349
3.	semi-pucca	completed	7580	5680	3762	5842
4.	"	under construction	15840	11400	6717	14198
5.	katcha	completed	2641	1904	1113	1747
6.	"	under construction	5229	3954	2865	4491
7.	all	completed	11893	7220	2929	7230
8.	"	under construction	37887	17929	8830	31516
<b>ANDHRA PRADESH</b>						
1.	pucca	completed	23399	5071	3123	12123
2.	"	under construction	32007	14586	8105	28382
3.	semi-pucca	completed	10438	3814	1582	4277
4.	"	under construction	12830	7085	4001	11600
5.	katcha	completed	2293	1911	870	1331
6.	"	under construction	3198	4291	7011	3634
7.	all	completed	10952	3599	1431	4649
8.	"	under construction	24607	13232	7175	22126
<b>A S S A M</b>						
1.	pucca	completed	34047	21181	22129	30935
2.	"	under construction	57914	20114	8094	56695
3.	semi-pucca	completed	12123	2816	6040	9045
4.	"	under construction	29641	14847	9353	24963
5.	katcha	completed	2647	1066	1238	2035
6.	"	under construction	18759	6672	463	16340
7.	all	completed	5394	4410	1973	4029
8.	"	under construction	39866	13178	4890	35914
<b>B I H A R</b>						
1.	pucca	completed	42715	13508	6876	35385
2.	"	under construction	71346	20910	16641	66044
3.	semi-pucca	completed	7846	19643	1863	7162
4.	"	under construction	17113	15662	4306	15754
5.	katcha	completed	2830	3521	1376	2299
6.	"	under construction	4918	3505	3233	3888
7.	all	completed	15581	13002	2156	11344
8.	"	under construction	48016	16675	4945	38345
<b>G U J A R A T</b>						
1.	pucca	completed	32991	5806	4822	13450
2.	"	under construction	53211	6728	6662	42671
3.	semi-pucca	completed	10881	2195	1807	6316
4.	"	under construction	25257	8040	2756	24271
5.	katcha	completed	983	1187	640	8584
6.	"	under construction	2384	—	675	2212
7.	all	completed	18373	4486	3485	9519
8.	"	under construction	38681	6756	5447	33075

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION.

RURAL

sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>HARYANA</b>						
1.	pucca	completed	20373	14593	6192	12566
2.	"	under construction	39888	31013	14908	34316
3.	semi-pucca	completed	7060	5670	2570	4871
4.	"	under construction	11031	3861	—	9394
5.	katcha	completed	2409	2085	1432	1876
6.	"	under construction	8009	35511	525	14073
7.	all	completed	17083	12447	5308	10663
8.	"	under construction	36707	29588	14247	32156
<b>HIMACHAL PRADESH</b>						
1.	pucca	completed	30363	9397	5065	21966
2.	"	under construction	52550	32314	5168	49180
3.	semi-pucca	completed	10424	4269	2811	6760
4.	"	under construction	24049	20846	8604	22014
5.	katcha	completed	4571	2358	1726	4284
6.	"	under construction	8457	2012	2788	7404
7.	all	completed	20645	7190	3495	14535
8.	"	under construction	42471	28699	7185	38556
<b>JAMMU AND KASHMIR</b>						
1.	pucca	completed	37773	16734	8838	17657
2.	"	under construction	69338	32549	22015	57301
3.	semi-pucca	completed	12043	7988	4600	7810
4.	"	under construction	47189	27631	12405	41382
5.	katcha	completed	10691	4223	2881	5381
6.	"	under construction	17871	12436	11088	15606
7.	all	completed	19453	10802	5813	10834
8.	"	under construction	57175	30378	16662	48338
<b>KARNATAKA</b>						
1.	pucca	completed	26638	9448	10767	19979
2.	"	under construction	39841	14881	14808	34468
3.	semi-pucca	completed	7736	3518	3487	5839
4.	"	under construction	16752	8168	4293	12945
5.	katcha	completed	2083	2994	794	1551
6.	"	under construction	5673	—	6011	5819
7.	all	completed	11770	6476	3075	8482
8.	"	under construction	28327	11308	5988	22571
<b>KERALA</b>						
1.	pucca	completed	38859	9311	5431	22079
2.	"	under construction	53261	21960	9137	48372
3.	semi-pucca	completed	10892	5357	3701	8148
4.	"	under construction	17101	6956	10054	16112
5.	katcha	completed	2691	6378	2287	2846
6.	"	under construction	9031	2267	2577	7068
7.	all	completed	22801	8609	4719	15537
8.	"	under construction	47838	19969	7782	43266

TABLE (7): AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			RURAL			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>MADHYA PRADESH</b>						
1.	pucca	completed . . . . .	17410	7515	7447	12958
2.	"	under construction . . . . .	31009	10355	11089	26322
3.	semi-pucca	completed . . . . .	6234	3702	2078	4799
4.	"	under construction . . . . .	7383	3667	6239	6810
5.	katcha	completed . . . . .	2865	1891	2463	2792
6.	"	under construction . . . . .	4201	3898	1279	4011
7.	all	completed . . . . .	7470	4366	3525	6072
8.	"	under construction . . . . .	17439	7131	8179	15388
<b>MAHARASHTRA</b>						
1.	pucca	completed . . . . .	19332	7841	4930	11690
2.	"	under construction . . . . .	37593	19819	6068	31026
3.	semi-pucca	completed . . . . .	7455	2234	2048	4211
4.	"	under construction . . . . .	16075	8283	13719	14301
5.	katcha	completed . . . . .	2347	952	1264	1821
6.	"	under construction . . . . .	5037	6966	1896	4247
7.	all	completed . . . . .	10585	4267	2991	6538
8.	"	under construction . . . . .	29894	15627	6529	24991
<b>MANIPUR</b>						
1.	pucca	completed . . . . .	—	—	—	—
2.	"	under construction . . . . .	52509	—	—	52509
3.	semi-pucca	completed . . . . .	17297	4512	4448	13177
4.	"	under construction . . . . .	20777	—	35670	21150
5.	katcha	completed . . . . .	15758	5022	—	15274
6.	"	under construction . . . . .	13649	2494	475	11412
7.	all	completed . . . . .	16026	4670	4448	14794
8.	"	under construction . . . . .	22669	2494	14676	21408
<b>MEGHALAYA</b>						
1.	pucca	completed . . . . .	34726	18130	5415	29124
2.	"	under construction . . . . .	58422	39433	2972	53576
3.	semi-pucca	completed . . . . .	32564	7225	4023	7284
4.	"	under construction . . . . .	22248	12123	—	19820
5.	katcha	completed . . . . .	2314	1383	1541	2082
6.	"	under construction . . . . .	3743	—	614	3621
7.	all	completed . . . . .	4189	4334	2186	3725
8.	"	under construction . . . . .	25368	28555	1818	24633
<b>ORISSA</b>						
1.	pucca	completed . . . . .	20746	2445	5604	9873
2.	"	under construction . . . . .	38333	28932	15326	36861
3.	semi-pucca	completed . . . . .	6903	4552	1324	4985
4.	"	under construction . . . . .	16620	34793	12452	19510
5.	katcha	completed . . . . .	2823	568	722	1581
6.	"	under construction . . . . .	5045	4399	11012	5100
7.	all	completed . . . . .	5806	3224	1207	3360
8.	"	under construction . . . . .	21996	24840	13154	22042

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

RURAL

sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>PUNJAB</b>						
1.	pucca	completed . . . . .	15696	10068	8301	10341
2.	"	under construction . . . . .	32412	34062	10617	25155
3.	semj-pucca	completed . . . . .	6775	10057	3600	6494
4.	"	under construction . . . . .	12860	9384	3000	8337
5.	katcha	completed . . . . .	3653	2593	1098	1934
6.	"	under construction . . . . .	2889	—	2275	2585
7.	all	completed . . . . .	11740	9620	6105	8236
8.	"	under construction . . . . .	29871	26347	9405	22347
<b>RAJASTHAN</b>						
1.	pucca	completed . . . . .	18223	12080	5104	13707
2.	"	under construction . . . . .	34637	17856	14499	24437
3.	semi-pucca	completed . . . . .	7037	5218	4349	5703
4.	"	under construction . . . . .	17304	10207	5225	15813
5.	katcha	completed . . . . .	3039	2093	1304	2291
6.	"	under construction . . . . .	6546	5077	2612	5548
7.	all	completed . . . . .	10649	5802	3649	7428
8.	"	under construction . . . . .	24671	14787	11458	19244
<b>SIKKIM</b>						
1.	pucca	completed . . . . .	45033	—	—	45033
2.	"	under construction . . . . .	142985	1007	—	121030
3.	semi-pucca	completed . . . . .	54591	2755	—	36944
4.	"	under construction . . . . .	7555	45487	46382	40829
5.	katcha	completed . . . . .	3989	—	1860	2376
6.	"	under construction . . . . .	—	112000	—	112000
7.	all	completed . . . . .	34710	2755	1860	17329
8.	"	under construction . . . . .	120874	40942	46382	77963
<b>TAMIL NADU</b>						
1.	pucca	completed . . . . .	22377	6311	4706	12779
2.	"	under construction . . . . .	36520	13430	9768	33385
3.	semi-pucca	completed . . . . .	7629	2667	2763	4536
4.	"	under construction . . . . .	12568	5864	3086	11767
5.	katcha	completed . . . . .	2181	1026	1150	1490
6.	"	under construction . . . . .	2908	2976	1559	2664
7.	all	completed . . . . .	9478	3533	2132	4988
8.	"	under construction . . . . .	27821	11760	6546	25325
<b>TRIPURA</b>						
1.	pucca	completed . . . . .	24581	20826	18161	23690
2.	"	under construction . . . . .	22739	29720	—	22776
3.	semi-pucca	completed . . . . .	11003	5443	4134	8288
4.	"	under construction . . . . .	11952	—	23883	16839
5.	katcha	completed . . . . .	3152	2762	2250	2684
6.	"	under construction . . . . .	4879	3016	4433	4586
7.	all	completed . . . . .	6062	3418	2648	4339
8.	"	under construction . . . . .	13749	4051	9707	12421

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			RURAL			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>UTTAR PRADESH</b>						
1.	pucca	completed	20053	12287	8353	13930
2.	"	under construction	38117	24070	14987	33050
3.	semi-pucca	completed	5700	5341	9917	7378
4.	"	under construction	14432	203	9580	11713
5.	katcha	completed	2391	1614	1132	1498
6.	"	under construction	5195	2272	2324	3759
7.	all	completed	9542	7446	3580	6064
8.	"	under construction	31854	18166	10243	25986
<b>WEST BENGAL</b>						
1.	pucca	completed	27912	7725	4064	19701
2.	"	under construction	110178	23098	19382	92266
3.	semi-pucca	completed	4864	3197	2498	3900
4.	"	under construction	11532	16951	4752	11177
5.	katcha	completed	2479	1498	992	1549
6.	"	under construction	4634	3958	828	3906
7.	all	completed	8221	3434	1436	4605
8.	"	under construction	71253	17437	9558	56673
<b>ANDAMAN &amp; NICOBAR</b>						
1.	pucca	completed	18226	10245	10784	15090
2.	"	under construction	110830	14237	8303	78824
3.	semi-pucca	completed	8183	3686	5577	6872
5.	"	under construction	12076	—	7378	12634
5.	katcha	completed	2570	1301	1122	2018
6.	"	under construction	2118	814	10670	3724
7.	all	completed	9380	6159	4677	7786
8.	"	under construction	68752	13928	9092	54918
<b>ARUNACHAL PRADESH</b>						
1.	pucca	completed	28625	—	—	28625
2.	"	under construction	91913	—	—	91913
3.	semi-pucca	completed	54034	7538	7947	51933
4.	"	under construction	53968	147217	—	74417
5.	katcha	completed	13704	9394	3017	13325
6.	"	under construction	8016	11009	—	10525
7.	all	completed	19663	9318	4027	18903
8.	"	under construction	52866	20490	—	33007
<b>CHANDIGARH</b>						
1.	pucca	completed	61405	—	11844	40977
2.	"	under construction	42445	24975	20828	37943
3.	semi-pucca	completed	5872	—	—	5872
4.	"	under construction	—	—	—	—
5.	katcha	completed	—	—	741	741
6.	"	under construction	—	—	—	—
7.	all	completed	39918	—	11003	31020
8.	"	under construction	42445	24975	20828	37943

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

RURAL

sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>DADRA &amp; NAGAR HAVELI</b>						
1.	pucca	completed	26425	—	2686	7635
2.	"	under construction	41651	—	—	41651
3.	semi-pucca	completed	4695	273	2026	2645
4.	"	under construction	875	—	2874	2834
5.	katcha	completed	6623	4083	2437	5819
6.	"	under construction	2997	—	—	2997
7.	all	completed	10013	3130	2309	4936
8.	"	under construction	29227	—	2874	23996
<b>DELHI</b>						
1.	pucca	completed	90407	32597	5095	41488
2.	"	under construction	134026	—	65400	91351
3.	semi-pucca	completed	24927	—	7498	9678
4.	"	under construction	60016	—	—	60016
5.	katcha	completed	—	—	—	—
6.	"	under construction	—	—	—	—
7.	all	completed	83706	32597	6119	34500
8.	"	under construction	127007	—	65400	90164
<b>GOA</b>						
1.	pucca	completed	34444	4389	6350	11248
2.	"	under construction	75222	19776	9646	51737
3.	semi-pucca	completed	—	—	6185	6185
4.	"	under construction	—	—	2517	1517
5.	katcha	completed	22999	—	5990	10861
6.	"	under construction	8245	—	—	8245
7.	all	completed	33565	4389	6281	10412
8.	"	under construction	69314	19776	9134	48667
<b>LAKSHADWEEP</b>						
1.	pucca	completed	18261	13779	6050	9671
2.	"	under construction	56866	6090	8402	38642
3.	semi-pucca	completed	6788	5530	3447	5353
4.	"	under construction	—	—	—	—
5.	katcha	completed	—	1390	—	1390
6.	"	under construction	—	—	—	—
7.	all	completed	14917	9801	5792	8524
8.	"	under construction	56866	6090	8402	38642
<b>MIZORAM</b>						
1.	pucca	completed	31272	—	3674	31216
2.	"	under construction	97934	—	—	97934
3.	semi-pucca	completed	26008	8155	11127	25758
4.	"	under construction	54259	50000	1934	52787
5.	katcha	completed	4819	1377	1484	4456
6.	"	under construction	4297	1317	1662	3309
7.	all	completed	25662	4893	6196	25260
8.	"	under construction	42174	7955	1718	36551

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

							RURAL			
sl. no.	type of structure	stage of construction	average cost (Rs.)							
			new building	addition to floor space	alteration improvement	all				
(1)	(2)	(3)	(4)	(5)	(6)	(7)				
<b>PONDICHERRY</b>										
1.	pucca	completed	62863	11184	5052	42227				
2.	"	under construction	73250	21695	5343	60249				
3.	semi-pucca	completed	7723	3504	2351	6856				
4.	"	under construction	14032	—	—	14032				
5.	katcha	completed	2903	2791	1576	2694				
6.	"	under construction	2098	—	7575	2552				
7.	all	completed	19520	10118	2794	16264				
8.	"	under construction	45934	21695	5741	41002				
<b>DAMAN &amp; DIU</b>										
1.	pucca	completed	14184	11557	8310	11948				
2.	"	under construction	80385	—	2634	67427				
3.	semi-pucca	completed	19522	—	8557	17915				
4.	"	under construction	—	—	—	—				
5.	katcha	completed	—	—	—	—				
6.	"	under construction	—	—	—	—				
7.	all	completed	16691	11557	8355	14161				
8.	"	under construction	80385	—	2634	67427				

TABLE (8) : AVERAGE AMOUNT OF CONSTRUCTION EXPENDITURE INCURRED (RS.) DURING THE YEAR PER CONSTRUCTION WORK BY ITEMS OF EXPENDITURE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE.

ALL INDIA		RURAL							
sl. no.	item of expenditure	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	stone blocks	735	329	38	429	532	223	24	274
2.	stone slabs	320	68	10	167	278	59	7	128
3.	stone chips	371	56	2	186	254	39	2	112
4.	bricks (burnt)	4901	1054	39	2530	3808	1017	28	1780
5.	bricks (un burnt)	125	173	86	124	98	118	52	85
6.	sand	688	105	17	349	505	85	10	227
7.	cement	2316	228	8	1129	1765	202	7	763
8.	lime	163	18	1	80	124	16	1	54
9.	bitumen	10	4	1	5	6	2	—	3
10.	wood and timber	1709	1119	393	1173	1224	899	287	784
11.	plywood	21	3	3	11	14	3	1	7
12.	plyboard	1	1	—	1	1	—	—	1
13.	laminated sheet	7	4	3	5	5	3	1	5
14.	tiles for roof	402	583	89	350	306	432	51	239
15.	mosaic tiles	34	3	—	16	23	3	1	10
16.	other floor tiles	24	15	2	15	22	14	1	12
17.	asbestos sheets	58	72	5	45	54	54	2	35
18.	corrugated iron sheets	121	231	14	114	89	183	7	79
19.	iron and steel	1572	128	20	764	1185	134	12	515
20.	doors and windows (wooden)	536	209	84	323	405	187	53	225
21.	doors and windows (iron)	150	26	7	78	129	24	5	60
22.	veener	10	7	7	8	12	5	5	7
23.	iron and steel fittings	139	22	5	71	99	15	3	45
24.	bamboo cane and reed	189	281	407	276	117	251	307	218
25.	straw, grass and levees	19	60	275	106	14	69	287	128
26.	paint and varnish	65	8	3	33	102	6	3	44
27.	sanitary fittings	45	7	—	23	34	6	—	15
28.	electrical fittings	130	33	4	69	96	21	4	45
29.	plumbing & water supply fittings	86	1	—	40	57	2	—	24
30.	glass fittings	29	3	—	14	21	2	—	9
31.	bolts, nuts, natls pulleys coupling	99	66	14	66	74	49	9	44
32.	pumps and precast cement or metal tank	15	2	—	8	10	1	—	5
33.	drainage pipes	9	1	—	5	8	1	—	3
34.	other materials	386	274	189	300	304	212	120	215
35.	materials (sub-total)	15486	5194	1728	8917	11773	4337	1241	6198
36.	mason	1597	564	114	907	1272	423	70	158
37.	carpenter	369	251	63	249	259	173	38	158
38.	plumber	10	1	—	5	7	1	—	3
39.	electrician	31	6	1	16	23	4	1	10
40.	others	182	80	87	129	123	66	65	89
41.	unskilled	1129	506	268	723	865	365	173	496
42.	labour hired sub-total (36 to 41)	3317	1408	533	2028	2550	1034	347	1393
43.	household labour	575	459	281	459	485	354	179	342
44.	labour sub-total (42 and 43)	3892	1867	814	2487	3035	1387	527	1734
45.	professional services	24	10	2	14	15	5	2	8
46.	rental and hired charges	182	35	19	98	142	37	12	70
47.	municipal fees	5	1	—	2	4	1	—	2
48.	charges paid to electric supply authorities	14	3	1	8	10	3	1	5
49.	other service charges	113	22	9	60	79	16	6	38
50.	service charges sub-total (45 to 49)	339	70	31	183	250	63	21	123
51.	n.r.	1	—	1	1	1	—	—	—
52.	total expenditure (times 35+44+50+51)	19718	7131	2573	11587	15059	5788	1789	8055
53.	used materials	387	249	79	262	349	233	67	218
54.	estimated total expenditure (in 000)	48827853	9064663	4200346	62092862	65267408	13945497	7230260	86443165



TABLE (9) : AVERAGE AMOUNT OF QUANTITY (STANDARD UNIT) AND VALUE (RS.) OF DIFFERENT ITEMS OF INPUTS USED SINCE START OF CONSTRUCTION FOR COMPLETED NEW BUILDING PER CONSTRUCTION BY TYPE OF STRUCTURE.

ALL INDIA		RURAL							
srl. no.	item of input	pucca		semi-pucca		katcha		all	
		quantity	value	quantity	value	quantity	value	quantity	value
(1)	(2)	(3)	(4)	(6)	(7)	(7)	(8)	(9)	(10)
1.	stone blocks . . . cu. metre	15	814	7	265	1	33	7	347
2.	stone slabs . . . cu. metre	10	361	3	64	—	10	4	138
3.	stone chips . . . cu. metre	8	408	1	42	—	2	3	144
4.	bricks (burnt) . . . (00)	329	7115	59	1093	20	40	131	2614
5.	bricks (unburnt) . . . (00)	66	151	37	207	26	87	42	138
6.	sand . . . cu. metre	20	836	3	91	1	16	8	302
7.	cement . . . quintal	22	2999	2	230	—	7	8	1039
8.	lime . . . Kg.	159	157	18	16	1	2	57	56
9.	bitumen . . . Kg.	23	14	3	4	—	1	8	6
10.	tiles for roof . . . no.	1552	1038	1654	737	387	98	1088	567
11.	mosaic tiles . . . no.	15	49	4	1	—	—	6	16
12.	other floor tiles . . . no.	76	47	48	19	2	1	38	21
13.	asbestos sheets . . . sq. m.	2	90	1	74	—	6	1	51
14.	corrugated iron sheets . . . sq. m.	2	183	6	288	—	15	2	139
15.	iron and steel . . . quintal	4	2078	—	129	—	21	1	719
16.	doors and windows (wooden) no.	3	811	1	244	1	94	1	365
17.	doors and windows (iron) . no.	1	181	—	30	—	8	—	70
18.	mason . . . man days	55	2073	17	536	4	113	24	860
19.	carpenter . . . man days	14	537	7	260	2	62	7	267
20.	plumber . . . man days	—	17	—	1	—	—	—	6
21.	electrician . . . man days	1	49	—	14	—	1	—	20
22.	others . . . man days	9	275	5	84	2	88	6	148
23.	unskilled . . . man days	85	1470	34	482	17	246	43	705
24.	household labour . . . man days	44	719	36	522	20	280	32	484

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE  
TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

ALL INDIA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non financial institutions</b>									
1.	housing boards/development bodies	57	13	3	31	34	7	1	16
2.	government/local bodies	174	44	10	94	103	34	6	51
3.	employer :—								
3.	government	82	2	—	39	52	1	—	21
4.	public sector undertakings	49	3	3	24	28	2	1	12
5.	private sector	87	14	14	28	53	10	6	26
6.	others	38	12	6	22	28	9	3	15
7.	sub-total (1-6)	487	89	37	258	298	63	18	141
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	128	42	1	69	82	28	1	40
9.	co-operative bank/credit societies	409	160	13	231	314	109	8	154
10.	commercial banks	674	101	16	341	427	89	7	195
11.	provident fund	96	16	1	48	62	16	1	29
12.	life insurance corporations	32	—	—	15	18	1	—	8
13.	other insurance companies	9	4	—	5	6	2	—	3
14.	money lenders	1257	598	354	830	1054	507	240	629
15.	sub-total (8-14)	2604	921	385	1539	1962	752	257	1058
<b>III. individuals</b>									
16.	friends and relatives	1771	704	188	1043	1334	826	142	777
17.	amount owned to contractor	12	10	1	8	14	6	1	7
18.	others	348	113	66	208	253	90	118	166
19.	sub-total (16—18)	2131	827	255	1258	1601	922	261	950
<b>IV. own sources</b>									
20.	savings	8988	3648	1035	5333	6705	2559	661	3532
21.	pension, p.f., other annuation benefits	847	144	18	432	573	105	9	259
22.	sale of assets	1538	591	168	902	1012	396	82	529
23.	subsidy & grants	148	61	16	88	102	39	12	54
24.	gifts	181	40	14	97	131	38	8	64
25.	others	4036	1229	642	2352	3195	1081	464	1708
26.	sub-total (20—25)	15738	5713	1894	9205	11718	4219	1236	6147
26a.	unspecified	4	—	—	2	2	—	—	1
27.	total (7+15+19+26)	20964	7550	2570	12262	15581	5955	1771	8298
estimated total finance (in 000)		50914942	9272617	4069933	64257492	65996805	13795184	6900783	86692771

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

ANDHRA PRADESH		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	168	—	—	80	109	—	—	37
2.	government/local bodies employer :—	324	78	—	168	192	30	5	73
3.	government	202	—	—	96	120	—	—	41
4.	public sector undertakings	4	—	—	2	2	—	—	1
5.	private sector	22	9	104	48	41	3	34	21
6.	others	1	3	3	2	1	9	2	3
7.	sub-total (1—6)	721	90	107	396	437	43	40	175
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	283	—	—	135	168	—	—	57
9.	co-operative bank/credit societies	181	250	1	131	113	107	1	60
10.	commercial banks	1112	85	8	547	747	52	3	265
11.	provident fund	56	—	—	27	33	—	—	11
12.	life insurance corporations	4	—	—	2	3	—	—	1
13.	other insurance companies	—	10	—	2	—	4	—	1
14.	money lenders	3970	2779	808	2667	2735	1354	434	1395
15.	sub-total (8—14)	5606	3124	817	3511	3799	1517	437	1789
<b>III. individuals</b>									
16.	friends and relatives	890	638	151	590	559	296	85	287
17.	amount owned to contractor	1	3	—	1	1	1	—	—
18.	others	829	347	115	497	544	207	55	251
19.	sub-total (16-18)	1720	987	266	1088	1104	504	140	539
<b>IV. own sources</b>									
20.	savings	4361	3259	527	3081	3459	1579	333	1638
21.	pension, p.f. other annuation benefits	245	70	—	129	168	34	—	64
22.	sale of assets	1198	321	54	646	763	168	18	300
23.	subsidy & grants	916	—	1	436	543	—	7	188
24.	gifts	195	—	—	93	117	21	2	45
25.	others	3194	1765	394	1973	2234	1005	385	1134
26.	sub-total (20-25)	10610	5416	975	6358	7284	2806	745	3368
27.	total (7+15+19+26)	48675	9617	2165	11353	12624	4871	1363	5781
estimated total finance (in 000)		3701266	721750	310802	4733818	4229047	941522	625211	5795781

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

ASSAM		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer :—	527	—	—	78	472	19	—	51
3.	government	74	—	—	11	66	—	—	7
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	92	3	14	—	56	2	9
6.	others	—	—	3	2	—	—	2	1
7.	sub-total (1-6)	601	92	5	105	538	75	3	68
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	1282	—	—	190	1148	—	—	118
10.	commercial banks	989	—	1	148	886	—	1	92
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	62	—	—	9	56	—	—	6
14.	money lenders	—	49	16	18	—	30	9	11
15.	sub-total (8-14)	2333	49	17	365	2089	30	10	227
<b>III. individuals</b>									
16.	friends and relatives	1674	1723	78	529	1981	1110	111	437
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	324	250	34	105	304	196	25	77
19.	sub-total (16-18)	1998	1973	112	635	2285	1306	136	513
<b>IV. Own sources</b>									
20.	savings	11595	8686	1031	3337	11441	4904	869	2496
21.	pension, p.f., other annuation benefits	745	187	218	292	732	114	133	192
22.	sale of assets	1060	1480	303	569	949	1450	226	763
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	36	8	3	9	32	5	15	16
25.	others	4860	1295	713	1405	4853	1444	516	1087
26.	sub-total (20-25)	18296	9655	2269	5612	18007	7918	1759	4254
27.	total (7+15+19+26)	23228	11770	2403	6717	22920	9329	1908	5062
estimated total finance (in 000)		337313	150250	169498	657081	371686	195483	229267	796436

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

BIHAR		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer :—	35	8	—	16	30	5	—	11
3.	government	24	—	—	9	20	—	—	6
4.	public sector undertakings	273	11	15	113	228	8	8	76
5.	private sector	349	1	11	138	292	3	6	93
6.	others	4	24	1	8	10	18	1	8
7.	sub-total (1-6)	687	44	27	284	581	34	15	194
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	4	—	—	2	4	—	—	1
9.	co-operative bank/credit societies	154	73	3	80	129	66	6	60
10.	commercial banks	129	7	12	55	135	22	10	52
11.	provident fund	75	4	—	30	67	15	3	26
12.	life insurance corporations	15	—	—	6	13	—	—	4
13.	other insurance companies	2	—	—	1	2	—	—	1
14.	money lenders	476	210	664	471	466	186	393	361
15.	sub-total (8-14)	856	294	679	644	815	289	412	504
<b>III. individuals</b>									
16.	friends and relatives	2280	359	148	1020	2088	280	164	788
17.	amount owned to contractor	16	4	—	7	13	3	—	5
18.	others	103	57	98	89	86	47	600	296
19.	sub-total (16-18)	2399	420	246	1116	2187	329	764	1088
<b>IV. own sources</b>									
20.	savings	15281	6295	1188	7944	13761	5225	964	6033
21.	pension, p-f, other annuation benefits	1612	226	9	680	1347	153	9	459
22.	sale of assets	1838	856	206	1064	1579	618	126	704
23.	subsidy & grants	15	2	—	6	29	1	—	9
24.	gifts	11	4	15	10	13	4	8	9
25.	others	5184	975	751	2508	4551	794	525	1837
26.	sub total (20-25)	23941	8357	2168	12153	21280	6795	1631	9050
27.	total (7+15+19+26)	27882	9115	3121	14197	24863	7447	2823	10837
estimated total finance (in 000)		9454135	2150690	969424	12574250	10090593	2589783	1589873	14270248

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTIONS BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

GUJARAT		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	kutchra	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	93	229	—	126	43	133	—	65
employer :—									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	73	—	—	36	36	40	—	33
6.	others	—	—	—	—	—	—	—	—
7.	total (1-6)	166	229	—	162	79	173	—	98
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	45	—	—	23	21	—	—	12
9.	co-operative bank/credit societies	3006	88	—	1537	1709	51	—	987
10.	commercial banks	451	—	—	226	207	—	—	118
11.	provident fund	34	—	—	17	16	—	—	9
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	120	396	—	197	69	240	—	114
15.	sub-total (8-14)	3657	484	—	2000	2022	290	—	1239
<b>III. individuals</b>									
16.	friends and relatives	2929	1485	45	1989	1563	914	51	1179
17.	amount owned to contractor	—	—	58	9	—	—	38	5
18.	others	489	49	26	266	224	33	17	140
19.	sub-total (16-18)	3418	1534	129	2264	1787	946	106	1323
<b>IV. own sources</b>									
20.	savings	13800	6651	640	9317	7639	4486	604	5811
21.	pension, p.f. other annuation benefits	384	391	—	328	931	226	—	599
22.	sale of assets	570	317	—	396	262	192	16	210
23.	subsidy & grants	34	94	22	53	16	61	15	30
24.	gifts	160	—	—	80	73	4	—	43
25.	others	2938	439	104	1640	1562	340	77	1003
26.	sub-total (20-25)	17886	7893	766	11814	10482	5309	712	7696
27.	total (7+15+19+26)	25127	10140	895	16240	14370	6718	818	10357
estimated total finance (in 000)		1214423	338431	13171	1566025	1512986	387593	18225	1918805

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION,

HARYANA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	7	—	—	6	2	—	—	2
2.	government /local bodies . . . . . employer :—	72	—	—	59	21	—	16	19
3.	government . . . . .	108	—	—	90	32	—	—	26
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	112	—	—	93	43	—	—	35
6.	others . . . . .	—	—	—	—	—	—	—	—
7.	sub-total (1-6) . . . . .	299	—	—	248	98	—	16	82
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	133	—	—	110	40	—	—	32
9.	co-operative bank/credit societies . . . . .	768	566	—	696	742	569	22	662
10.	commercial banks . . . . .	275	—	—	228	101	—	—	83
11.	provident fund . . . . .	40	—	—	33	12	—	—	10
12.	life insurance corporation . . . . .	—	—	—	—	—	—	—	—
13.	other insurance companies . . . . .	92	—	—	76	51	—	—	42
14.	money lenders . . . . .	3385	1346	614	2986	2121	1154	563	1892
15.	sub-total (8-14) . . . . .	4695	1912	614	4130	3067	1723	586	2721
<b>III. individuals</b>									
16.	friends and relatives . . . . .	1641	875	111	1459	686	746	146	644
17.	amount owned to contractor . . . . .	89	—	—	74	26	—	—	22
18.	others . . . . .	279	—	92	236	97	126	53	96
19.	sub-total (16-18) . . . . .	2008	875	203	1769	809	872	199	761
<b>IV. own sources</b>									
20.	savings . . . . .	6787	1536	330	5803	5878	967	370	4929
21.	pension, p.f., other annuation benefits . . . . .	562	—	—	465	207	—	—	169
22.	sale of assets . . . . .	2759	116	408	2322	1135	39	231	952
23.	subsidy & grants . . . . .	25	5	—	21	20	2	4	16
24.	gifts . . . . .	84	—	—	70	131	—	—	107
25.	others . . . . .	4164	2221	577	3722	2855	1225	440	2488
26.	sub-total (20-25) . . . . .	14381	3878	1315	12402	10225	2233	1045	8663
26a.	unspecified . . . . .	93	—	—	77	28	—	—	23
27.	total (7+15+19+26) . . . . .	21477	6666	2132	18627	14227	4828	1846	12249
estimated total finance (in 000) . . . . .		1458263	58997	11327	1528587	3261330	126585	45943	3433858

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

HIMACHAL PRADESH		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I non-financial institutions</b>									
1.	housing boards/ development bodies . . . . .	30	—	—	19	23	—	—	14
2.	government/ local bodies . . . . .	32	—	26	21	33	—	22	21
3.	government employer :-	10	—	—	7	8	—	—	5
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	—	—	—	—	—	—	—	—
6.	others . . . . .	48	—	—	31	37	—	—	22
7.	sub-total (1-6) . . . . .	121	—	26	78	101	—	22	62
<b>II financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	87	28	—	63	77	37	—	60
9.	co-operative bank/ credit societies . . . . .	380	477	683	428	305	312	601	322
10.	commercial banks . . . . .	585	125	—	408	444	116	—	309
11.	provident fund . . . . .	707	392	—	568	537	257	—	414
12.	life insurance corporations . . . . .	9	—	—	6	7	—	—	4
13.	other insurance companies . . . . .	100	—	—	63	76	—	—	46
14.	money lenders . . . . .	578	939	129	664	594	702	116	608
15.	sub-total (8-14) . . . . .	2447	1961	813	2201	2039	1424	716	1762
<b>III individuals</b>									
16.	friends and relatives . . . . .	3857	2133	505	3127	3461	1994	433	2805
17.	amount owned to contractor . . . . .	—	8	—	2	1	5	—	2
18.	others . . . . .	107	47	243	96	87	105	213	99
19.	sub-total (16—18) . . . . .	3964	2189	748	3225	3549	2104	646	2907
<b>IV own sources</b>									
20.	savings . . . . .	14482	7093	2070	1465	12917	5792	2059	9919
21.	pension, p.f. other annuities benefits . . . . .	822	5	—	521	1085	147	—	707
22.	sale of assets . . . . .	942	—	—	594	715	—	—	433
23.	subsidy & grants . . . . .	82	7	—	54	62	12	4	42
24.	gifts . . . . .	44	57	5	6	42	37	4	38
25.	others . . . . .	1132	201	26	778	916	219	22	631
26.	sub-total (20—25) . . . . .	17505	7363	2101	3457	15736	6207	2089	11770
27.	total (7+15+19+26) . . . . .	24036	11513	3687	8962	21425	9735	3473	16500
estimated total finance (in 000) . . . . .		1301985	307634	18306	1627925	1529041	397208	20123	1946373



TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

JAMMU & KASHMIR		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	229	—	—	101	102	—	—	44
2.	government/local bodies employer: . . . . .	610	65	—	298	273	29	2	129
3.	government . . . . .	102	—	—	45	45	—	—	19
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	73	51	—	55	33	26	—	25
6.	others . . . . .	55	33	—	39	42	32	—	31
7.	sub-total (1—6) . . . . .	1069	150	—	538	495	86	2	248
<b>II. Financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	53	—	—	23	24	—	—	10
9.	co-operative bank/credit societies . . . . .	196	33	52	108	102	15	19	52
10.	commercial banks . . . . .	238	27	9	118	198	61	11	112
11.	provident fund . . . . .	219	18	13	106	171	16	5	80
12.	life insurance corporations . . . . .	—	—	—	—	—	—	—	—
13.	other insurance companies . . . . .	106	—	—	47	48	—	—	20
14.	money lenders . . . . .	175	178	478	213	83	160	257	141
15.	sub-total (8—14) . . . . .	987	256	551	616	625	251	291	416
<b>III. individuals</b>									
16.	friends and relatives . . . . .	3432	2124	1742	2655	2238	1475	998	1730
17.	amount owned to contractor . . . . .	5	32	—	16	2	34	3	16
18.	others . . . . .	274	328	16	265	179	145	32	143
19.	sub-total (16—18) . . . . .	3710	2484	1759	2937	2419	1655	1033	1889
<b>IV. own sources</b>									
20.	savings . . . . .	12489	2762	1368	6892	8800	1872	813	4669
21.	pension, p.f. other annuation benefits . . . . .	869	137	4	444	555	124	22	292
22.	sale of assets . . . . .	5106	2260	838	3344	3259	1370	417	2035
23.	subsidy & grants . . . . .	110	97	20	93	99	67	13	73
24.	gifts . . . . .	734	—	—	325	379	—	11	163
25.	others . . . . .	5513	6037	4480	5614	4009	4247	2644	3909
26.	sub-total (20—25) . . . . .	24820	11293	6710	16712	17101	7681	3921	11142
27.	total (7+15+19+26) . . . . .	30587	14182	9020	20803	20640	9674	5247	13695
estimated total finance (in 000) . . . . .		769786	351196	63007	1183988	162405	544619	102278	1809303

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

KARNATAKA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	9	50	—	26	7	30	—	16
2.	government/local bodies employer:	694	65	—	309	489	38	—	191
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	58	5	—	26	41	3	4	17
6.	others	251	48	—	122	177	28	10	78
7.	sub-total (1—6)	1012	168	—	482	714	99	13	301
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	79	46	—	52	60	27	12	36
9.	co-operative bank/credit societies	897	55	—	387	735	87	—	301
10.	commercial banks	2547	481	26	1242	1842	320	14	804
11.	provident fund	141	—	—	57	99	—	—	35
12.	life insurance corporations	25	2	—	11	18	16	—	14
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	2013	1369	310	1457	1496	1041	236	1051
15.	sub-total (8—14)	5702	1953	336	3205	4250	1492	262	2241
<b>III. individuals</b>									
16.	friends and relatives	2977	1513	181	1887	2489	1100	144	1413
17.	amount owned to contractor	—	8	—	3	—	4	—	2
18.	others	323	269	14	249	336	191	10	208
19.	sub-total (16—18)	3299	1789	195	2140	2824	1295	154	1624
<b>IV. own sources</b>									
20.	savings	9927	3310	1459	5684	8677	2725	1296	4571
21.	pension, p-f. other annuation benefits	216	—	—	87	152	87	8	95
22.	sale of assets	1581	264	11	755	1364	165	8	561
23.	subsidy & grants	244	72	—	130	172	42	—	80
24.	gifts	497	3	—	202	414	2	—	148
25.	others	1389	292	350	745	1041	213	197	504
26.	sub-total (20—25)	13854	3941	1820	7604	11821	3234	1509	5961
27.	total (7+15+19+26)	23867	7851	2351	13431	19609	6120	1938	10127
estimated total finance (in 000)		1181094	415310	46942	1643345	1376149	551623	72000	1999772

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

KERALA										RURAL			
sl. no.	source of finance	new building				all buildings							
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)				
<b>I. non-financial institutions</b>													
1.	housing boards/development bodies	203	190	36	177	138	132	28	123				
2.	government/local bodies employer:	378	140	42	294	263	104	38	210				
3.	government	140	9	—	100	140	6	—	102				
4.	public sector undertakings	59	4	—	42	40	2	—	29				
5.	private sector	52	4	—	37	35	3	—	26				
6.	others	48	—	—	34	41	—	—	29				
7.	sub-total (1—6)	880	347	78	683	657	247	66	519				
<b>II. financial institutions</b>													
8.	co-operative housing finance agencies	368	159	8	285	299	110	7	232				
9.	co-operative bank/credit societies	751	577	100	630	623	511	107	540				
10.	commercial banks	1220	650	90	971	969	669	79	809				
11.	provident fund	149	10	5	107	136	7	4	100				
12.	life insurance corporations	191	—	—	134	130	—	—	93				
13.	other insurance companies	1	19	—	3	1	13	—	2				
14.	money lenders	365	479	271	368	305	364	244	306				
15.	sub-total (8—14)	3045	1894	473	2499	2462	1674	439	2082				
<b>III. individuals</b>													
16.	friends and relatives	2064	791	307	1618	1534	624	369	1246				
17.	amount owned to contractor	10	—	—	7	8	—	—	6				
18.	others	56	108	13	57	102	74	35	89				
19.	sub-total (16—18)	2130	899	319	1682	1644	698	403	1340				
<b>IV. own sources</b>													
20.	savings	8840	3027	1020	6833	7391	2609	1029	5845				
21.	pension, p.f. other annuation benefits	402	79	18	298	303	161	14	245				
22.	sale of assets	2743	1592	648	2266	2058	1111	529	1717				
23.	subsidy & grants	147	560	6	188	100	381	19	133				
24.	gifts	284	76	106	227	233	52	84	186				
25.	others	2264	1003	329	1794	1800	876	323	1470				
26.	sub-total (20—25)	14680	6338	2126	11607	11887	5190	1998	9595				
27.	total (7 15+19+26)	20735	9478	2996	16471	16650	7808	2907	13537				
estimated total finance (in 000)		5741626	556182	171223	6469031	6775382	673122	211368	7659872				

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

MADHYA PRADESH										RURAL			
sl. no.	source of finance	new building				all buildings							
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)				
<b>I. non-financial institutions</b>													
1.	housing boards/development bodies	—	—	—	—	—	—	—	—				
2.	government/local bodies employer:	62	—	—	19	42	—	4	13				
3.	government	18	12	—	12	12	7	—	8				
4.	public sector undertakings	—	—	—	—	—	1	—	1				
5.	private sector	—	2	—	1	—	1	—	1				
6.	others	21	1	—	7	14	7	—	8				
7.	sub-total (1—6)	101	15	—	38	69	17	4	31				
<b>II. financial institutions</b>													
8.	co-operative housing finance agencies	8	17	—	11	5	37	—	22				
9.	co-operative bank/credit societies	117	44	—	58	96	29	—	45				
10.	commercial banks	3494	24	—	1085	2397	15	—	724				
11.	provident fund	49	—	—	15	33	—	—	10				
12.	life insurance corporations	—	—	—	—	—	—	—	—				
13.	other insurance companies	—	2	—	1	—	1	—	1				
14.	money lenders	460	264	109	295	579	177	128	290				
15.	sub-total (8—14)	4128	351	109	1445	3111	259	128	1092				
<b>III. individuals</b>													
16.	friends and relatives	1438	747	64	833	1009	515	60	599				
17.	amount owned to contractor	6	—	—	2	4	—	—	—				
18.	others	78	50	34	56	108	37	36	58				
19.	sub-total (16—18)	1523	797	99	891	1121	553	97	658				
<b>IV. own sources</b>													
20.	savings	5932	1758	913	2884	5110	1483	957	2492				
21.	pension, p-f other annuation benefits	417	323	—	294	211	—	—	218				
22.	sale of assets	573	260	123	330	452	177	105	249				
23.	subsidy & grants	69	3	18	26	47	2	15	17				
24.	gifts	190	—	—	57	130	—	—	39				
25.	others	3220	1391	595	1800	2965	1397	533	1743				
26.	sub-total (20—25)	10401	3735	1648	5370	9041	3270	1612	4758				
27.	total (7+15+19+26)	16152	4898	1856	7744	13342	4098	1841	6540				
estimated total finance (in 000)		1483719	777816	100922	2362457	1792785	1033804	116812	2943402				

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

MAHARASHTRA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. Non-financial institutions</b>									
1.	Housing boards/development bodies	110	—	—	54	62	—	—	28
2.	government/local bodies	150	48	—	90	91	22	—	50
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	160	90	—	109	91	52	—	61
6.	others	22	8	—	14	33	5	—	17
7.	sub-total (1—6)	443	145	—	286	277	79	—	158
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	48	120	—	64	27	56	—	34
9.	co-operative bank/credit societies	1132	803	1	825	711	467	8	506
10.	commercial banks	581	188	32	354	366	101	18	210
11.	provident fund	70	49	—	51	39	23	—	27
12.	life insurance corporations	29	—	—	14	16	—	—	7
13.	other insurance companies	8	—	—	4	5	—	—	2
14.	money lenders	275	318	84	256	197	323	66	223
15.	sub-total (8—14)	2143	1478	117	1568	1361	970	93	1009
<b>III. individuals</b>									
16.	friends and relatives	1717	754	206	1132	1451	458	170	870
17.	amount owned to contractor	13	8	—	9	31	4	—	16
18.	others	165	74	109	125	98	39	69	71
19.	sub-total (16—18)	1895	836	315	1267	1580	501	240	958
<b>IV. own sources</b>									
20.	savings	8620	2666	943	5293	5920	1729	699	3499
21.	pension, p-f, other annuation benefits	831	305	—	511	678	148	3	370
22.	sale of assets	1480	610	78	946	892	306	52	536
23.	subsidy & grants	—	7	—	2	49	61	—	46
24.	gifts	407	206	84	283	239	105	48	157
25.	others	2551	1240	640	1781	1977	898	573	1344
26.	sub-total (20—25)	13889	5024	1745	8816	9755	3247	1375	5952
27.	total (7+15+19+26)	18370	7484	2178	11917	12972	4797	1707	8077
estimated total finance (in 000)		2239161	617942	94062	2951165	2827339	851717	129878	3808934

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

RURAL

## MANIPUR

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions.</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
3.	government	—	440	—	150	—	381	—	135
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	381	229	—	—	349	207
6.	others	—	335	—	114	—	290	—	103
7.	sub-total (1—6)	—	774	381	493	—	670	349	445
<b>II. financial institutions.</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	461	120	684	479	461	104	628	433
15.	sub-total (8—14)	461	120	684	479	461	104	628	433
<b>III. individuals</b>									
16.	friends and relatives	1118	461	256	376	1118	399	235	339
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	2	1	—	—	2	1
19.	sub-total (16—18)	1118	461	258	377	1118	399	237	340
<b>IV. own sources</b>									
20.	savings	14086	9349	29374	21683	14086	8878	27173	20000
21.	pension, p.f., other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	234	780	549	—	203	715	496
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	35	37	56	49	35	32	52	44
25.	others	3737	1219	935	1193	3737	1055	874	1088
26.	sub-total (20—25)	17857	10839	31145	23474	117857	10168	28814	21628
27.	sub-total (7+15+19+26)	19437	12194	32469	24823	19437	11341	30028	22846
estimated total finance (in 000)		4140	15304	72178	91622	4140	16444	72788	93372

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

MEGHALAYA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	4	3
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	4	3
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	11	10	—	—	8	6
15.	sub-total (8—14)	—	—	11	10	—	—	8	6
<b>III. Individuals</b>									
16.	friends and relatives	747	2056	95	206	759	319	80	161
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub total (16—18)	747	2056	95	206	759	319	80	161
<b>IV. own sources</b>									
20.	savings	34346	10605	1764	5152	29905	5333	1592	4304
21.	pension, p.f. other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	903	165	167	—	140	135	125
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	46	20	19	—	7	15	13
25.	others	1732	4053	146	394	1399	1493	169	409
26.	sub-total (20—25)	36079	15608	2095	5732	31303	6973	1910	4851
27.	total (7+15+19+26)	36826	17663	2201	5947	32062	7292	2002	5021
estimated total finance (in 000)		35795	4239	19280	59314	38603	11288	23925	73816

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

RURAL

ORISSA

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions.</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer	97	—	3	36	73	—	8	26
3.	government	42	—	—	15	32	—	—	10
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	3	—	—	—	2	—	—
6.	others	269	1	19	105	203	17	11	70
7.	sub-total (1—6)	408	3	22	156	308	19	19	106
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	25	—	4	—	150	—	26
9.	co-operative bank/credit societies	91	139	60	84	79	98	36	60
10.	commercial banks	668	31	102	291	534	167	61	222
11.	provident fund	219	73	—	89	165	238	—	91
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	872	552	290	538	790	538	188	430
15.	sub-total (8—14)	1850	820	452	1005	1568	1190	285	829
<b>III. individuals</b>									
16.	friends and relatives	644	170	251	377	541	251	151	286
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	26	—	4	11	20	58	2	17
19.	sub-total (16—18)	670	170	255	388	560	309	154	303
<b>IV. own sources</b>									
20.	savings	6332	3450	1300	3426	5575	3668	1035	2862
21.	pension, p.f., other annuities	833	20	—	298	644	41	—	201
22.	sale of assets	709	1537	190	590	636	1013	120	431
23.	subsidy & grants	—	52	—	8	—	31	—	5
24.	gifts	1	37	7	10	83	22	4	31
25.	others	1667	622	517	941	1465	529	317	700
26.	sub-total (20—25)	9542	5717	2015	5273	8402	5303	1476	4231
27.	total (7+15+19+26)	12470	6711	2744	6822	10838	6821	1933	5470
estimated total finance (in 000)		686198	167754	207176	1061128	789861	287383	245055	1322299



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

PUNJAB		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer :	—	—	—	—	—	—	—	—
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	public sector	16	21	—	13	4	4	—	3
6.	others	—	—	—	—	41	—	—	29
7.	sub-total (1—6)	16	21	—	13	45	4	—	32
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	43	—	—	30	11	—	19	11
9.	co-operative bank/credit societies	173	45	—	127	205	9	—	146
10.	commercial banks	351	293	10	278	104	55	3	81
11.	provident fund	13	—	—	9	21	—	—	15
12.	life insurance corporations	8	—	—	5	2	—	—	1
13.	other insurance companies	13	89	—	18	3	17	—	4
14.	money lenders	2404	2295	127	1945	1826	2664	312	1675
15.	sub-total (8—14)	3004	2722	137	2414	2172	2744	334	1934
<b>III. individuals</b>									
16.	friends and relatives	1953	3883	450	1835	1193	1177	217	1027
17.	amount owned to contractor	16	—	—	12	7	—	—	5
18.	others	173	88	8	133	145	62	3	111
19.	sub-total (16—19)	2142	3972	458	1979	1345	1239	220	1143
<b>IV. own sources</b>									
20.	savings	4405	1382	129	3284	2978	1097	371	2309
21.	pension, p-f., other annuities benefits	793	—	—	564	229	—	—	162
22.	sale of assets	958	314	50	720	406	134	31	310
23.	subsidy & grants	176	527	718	315	63	120	212	95
24.	gifts	71	15	26	57	20	63	12	24
25.	others	4414	1397	1600	3582	3072	1395	602	2452
26.	sub-total (20—25)	10817	3635	2523	8521	6768	2808	1228	5352
27.	unspecified	7	—	—	5	2	—	—	1
28.	total (7+15+19+26)	15986	10349	3118	12932	10331	6795	1782	8462
estimated total finance (in 000)		1531946	128602	82768	1743316	3967112	451681	161795	4580588

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

RAJASTHAN		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer:-	71	82	26	61	55	46	11	40
3.	government	141	—	—	70	65	—	—	32
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	8	—	—	4	3	—	—	2
6.	others	16	—	—	8	7	—	—	4
7.	sub-total (1—6)	236	82	26	143	130	46	11	77
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	388	—	—	192	178	—	—	89
9.	co-operative bank/credit agencies	14	24	—	12	13	13	4	10
10.	commercial banks	194	—	13	99	149	—	5	76
11.	provident fund	101	—	—	50	46	—	—	23
12.	life insurance corporations	38	—	—	19	17	—	—	9
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	2749	243	504	1553	2036	416	639	1297
15.	sub-total (8—14)	3483	266	516	1926	2440	430	649	1505
<b>III. individuals</b>									
16.	friends and relatives	1547	121	234	857	1572	95	289	895
17.	amount owned to contractor	—	—	—	—	59	—	—	30
18.	others	319	80	19	182	378	58	10	204
19.	sub-total(16—18)	1866	201	253	1039	2009	154	299	1128
<b>IV. own sources</b>									
20.	savings	6770	3592	1696	4646	3653	2527	836	2571
21.	pension, p.f., other annuation benefits	661	—	21	333	441	85	8	240
22.	sale of assets	492	209	—	292	417	137	45	249
23.	subsidy & grants	209	427	24	209	177	262	80	163
24.	gifts	100	333	—	127	96	511	17	151
25.	others	2350	625	722	1504	3112	975	529	1908
26.	sub-total (20—25)	10582	5185	2462	7111	7896	4497	1516	5283
27.	total (7+15+19+26)	16168	5734	3257	10218	12475	5126	2474	7993
estimated total finance (in 000)		1462081	243960	162474	1868515	2460905	385786	299673	3146363

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

SIKKIM :

RURAL

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer:	—	—	—	—	—	—	—	—
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	3919	—	—	2394	3504	—	—	1098
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	1417	4934	—	1915	1267	1405	—	878
15.	sub-total (8—14)	5336	4934	—	4309	4770	1405	—	1976
<b>III. individuals</b>									
16.	friends and relatives	7894	7583	—	6435	7058	2519	675	3306
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	7894	7583	—	6435	7058	2519	675	3306
<b>IV. own sources</b>									
20.	savings	28978	27654	3262	24158	26007	13730	2880	13839
21.	pension, p-f., other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	5063	—	—	3093	4526	—	—	1418
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	360	—	—	220	322	—	—	101
26.	sub-total (20—25)	34401	27654	3262	27471	30855	13730	2880	15358
27.	total (7+15+19+26)	47630	40172	3262	38214	42683	17654	3554	20639
estimated total finance (in 000)		6430	1888	127	8445	6445	2913	590	9948

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

TAMIL NADU		RURAL							
sl. n	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	106	28	—	56	70	14	—	28
2.	government/local bodies employer	188	44	—	98	121	23	—	48
3.	government	158	—	—	75	102	—	—	37
4.	public sector undertakings	28	—	—	13	18	—	—	7
5.	private sector	104	68	19	69	68	35	9	36
6.	others	106	4	6	53	68	3	2	26
7.	sub-total (1—6)	690	144	24	363	448	74	12	182
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	375	315	5	241	286	161	2	136
9.	co-operative bank/credit societies	947	141	7	479	713	87	2	277
10.	commercial banks	875	133	20	447	621	78	7	244
11.	provident fund	92	—	—	44	60	—	—	22
12.	life insurance corporations	1	5	—	1	—	2	—	1
13.	other insurance companies	13	16	—	9	8	8	—	5
14.	money lenders	2772	1605	609	1829	2076	1347	506	1238
15.	sub-total (8—14)	5075	2215	640	3051	3766	1684	517	1923
<b>III. individuals</b>									
16.	friends and relatives	752	654	190	548	549	370	115	322
17.	amount owned to contractor	4	—	—	2	2	—	—	1
18.	others	608	441	59	394	427	304	43	232
19.	sub-total (16—18)	1364	1095	249	943	978	674	158	555
<b>IV. own sources</b>									
20.	savings	6069	2488	720	3602	4991	1754	551	2397
21.	pension, p.f., other annuation benefits	273	—	—	130	179	—	2	66
22.	sale of assets	1607	457	148	900	1106	293	75	492
23.	subsidy & grants	48	—	—	23	31	3	—	12
24.	gifts	481	30	4	235	317	24	3	121
25.	others	1938	836	251	1165	1463	517	133	690
26.	sub-total (20—25)	10417	3810	1124	6055	8086	2591	764	3778
27.	total (7+15+19+26)	17546	7264	2037	10413	13277	5024	1451	6439
estimated total finance (in 000)		3363180	577104	271657	4211941	3944308	781275	526934	5252517

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

TRIPURA :

RURAL

Sl. No.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	84	—	19	—	50	—	10
2.	government/local bodies employer:	—	242	14	63	—	143	6	33
3.	government	625	—	—	91	602	—	—	48
4.	public sector undertakings	—	—	—	—	—	—	1	1
5.	private sector	—	—	2	2	—	—	1	1
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	625	325	16	175	602	193	9	93
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	100	—	22	—	59	—	12
9.	co-operative bank/credit societies	80	—	—	12	77	—	—	6
10.	commercial banks	330	171	—	87	318	101	—	46
11.	provident fund	57	81	30	46	55	48	14	24
12.	life insurance corporations	13	—	—	2	13	—	—	1
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	118	104	92	—	101	48	54
15.	sub-total (8—14)	480	470	134	260	462	309	61	143
<b>III. individuals</b>									
16.	friends and relatives	148	613	268	328	256	382	134	193
17.	amount owned to contractor	—	—	12	8	—	—	6	4
18.	others	—	31	9	13	27	234	9	56
19.	sub-total (16—18)	148	644	289	348	282	616	149	253
<b>IV. own sources</b>									
20.	savings	15425	7223	2342	5353	15453	5832	1783	3684
21.	pension, p-f, other annuation benefits	270	267	16	110	260	208	25	80
22.	sale of assets	991	928	123	431	954	718	93	286
23.	subsidy & grants	—	13	57	39	—	8	27	21
24.	gifts	112	—	36	39	108	17	19	26
25.	others	717	1238	832	906	690	1059	419	568
26.	sub-total (20—25)	17516	9669	3406	6879	17465	7843	2366	4666
27.	total (7+15+19+26)	18769	11109	3846	7683	18811	8961	2585	5155
estimated total finance (in 000)		65841	59920	57987	183748	68567	81652	84947	235165

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

UTTAR PRADESH										RURAL
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies	6	—	12	7	3	—	3	3	
2.	government/local bodies	129	60	—	77	70	94	2	42	
employer :—										
3.	government	27	—	—	15	14	—	—	6	
4.	public sector undertakings	—	—	—	—	—	—	—	—	
5.	private sector	12	—	—	6	10	—	—	4	
6.	others	24	8	17	19	13	3	7	9	
7.	sub-total (1—6)	198	68	29	125	110	97	12	63	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	13	3	—	7	10	2	—	4	
9.	co-operative bank/credit societies	11	16	4	9	9	6	1	5	
10.	commercial banks	248	64	3	143	133	65	2	63	
11.	provident fund	24	—	—	13	12	—	—	5	
12.	life insurance corporations	5	—	—	3	3	—	—	1	
13.	other insurance companies	2	—	—	1	1	—	—	—	
14.	money lenders	674	204	154	438	558	130	104	287	
15.	sub-total (8—14)	977	286	161	613	726	204	106	365	
<b>III. individuals</b>										
16.	friends and relatives	1125	238	95	664	1026	2558	100	819	
17.	amount owned to contractor	19	—	—	10	21	1	—	9	
18.	others	101	29	46	73	73	34	22	44	
19.	sub-total (16—18)	1246	266	141	747	1120	2593	123	872	
<b>IV. own sources</b>										
20.	savings	7200	2262	975	4473	5776	1375	423	2678	
21.	pensions, p.f., other annuation benefits	1265	72	29	693	787	114	9	332	
22.	sale of assets	661	116	45	383	398	94	15	178	
23.	subsidy & grants	105	—	—	56	70	—	4	29	
24.	gifts	113	24	3	64	107	10	2	45	
25.	others	5704	2056	840	3604	4440	1843	643	2318	
26.	sub-total (20-25)	15048	4531	1891	9274	11579	3436	1096	5579	
27.	total (7+15+19+26)	17469	5151	2222	10759	13534	6330	1338	6879	
estimated total finance (in 000)		8298842	667846	640592	9607281	12313029	2086731	1417818	15817578	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

WEST BENGAL		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	7	—	—	2	5	—	—	1
2.	government/local bodies employer :—	176	34	46	89	132	22	19	48
3.	government . . . . .	174	—	—	61	133	—	—	33
4.	public sector undertakings . . . . .	13	2	—	5	9	1	—	3
5.	private sector . . . . .	45	2	3	17	62	1	1	16
6.	others . . . . .	35	20	8	21	26	11	3	11
7.	sub-total (1—6) . . . . .	450	58	57	195	367	35	24	111
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	25	—	—	9	18	—	—	5
9.	co-operative bank/credit societies . . . . .	225	70	10	100	188	51	11	64
10.	commercial banks . . . . .	207	25	6	81	178	93	2	67
11.	provident fund . . . . .	80	4	—	29	59	18	—	19
12.	life insurance corporation . . . . .	31	—	—	11	22	—	—	6
13.	other insurance companies . . . . .	—	—	—	—	—	—	—	—
14.	money lenders . . . . .	786	279	78	376	590	187	46	214
15.	sub-total (8—14) . . . . .	1354	377	94	606	1056	349	59	374
<b>III. individuals</b>									
16.	friends and relatives . . . . .	3024	591	299	1327	2397	458	171	790
17.	amount owned to contractor . . . . .	1	56	1	15	1	32	2	9
18.	others . . . . .	1462	47	94	562	1111	70	59	322
19.	sub-total (16—18) . . . . .	4487	694	394	1904	3509	560	232	1121
<b>IV. own sources</b>									
20.	savings . . . . .	11117	2219	877	4801	9127	1870	663	3042
21.	pension, p-f., other annuation benefits . . . . .	1047	45	—	378	786	25	1	201
22.	sale of assets . . . . .	2417	685	257	1120	2086	713	122	746
23.	subsidy & grants . . . . .	36	28	12	24	66	16	10	25
24.	gifts . . . . .	111	28	19	53	82	22	10	30
25.	others . . . . .	7369	866	576	3030	5828	721	311	1775
26.	sub-total (20-25) . . . . .	22097	3871	1740	9407	17975	3367	1116	5821
27.	total (7+15+19+26) . . . . .	28388	5000	2285	12112	22908	4310	1431	7427
<b>estimated total finance (in 000)</b>		6087243	759118	560509	7406869	6699926	1175018	877582	8752526

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

ANDAMAN & NICOBAR		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	—	—	—	—	—	—	—	—
2.	government/Local bodies . . . . .	671	—	17	306	463	—	11	219
<b>employer :</b>									
3.	government . . . . .	229	—	—	103	144	—	—	67
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	—	9	—	2	—	7	—	1
6.	others . . . . .	15	—	—	7	9	—	—	4
7.	sub-total (1-6) . . . . .	915	9	17	417	616	7	11	292
<b>II financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	23	—	—	10	14	—	—	7
9.	co-operative bank/credit societies . . . . .	1239	94	—	577	780	72	—	377
10.	commercial banks . . . . .	261	—	—	117	268	—	—	125
11.	provident fund . . . . .	134	—	—	60	256	—	—	119
12.	life insurance corporations . . . . .	—	—	—	—	—	—	—	—
13.	other insurance companies . . . . .	—	—	—	—	—	—	—	—
14.	money lenders . . . . .	527	17	—	240	332	13	—	157
15.	sub-total (8-14) . . . . .	2183	111	—	1004	1650	85	—	785
<b>III individuals</b>									
16.	friends and relatives . . . . .	857	126	222	484	702	96	141	393
17.	amount owned to contractor . . . . .	—	—	—	—	—	—	—	—
18.	others . . . . .	84	2	56	56	77	1	35	48
19.	sub-total (16-18) . . . . .	941	127	278	540	779	98	176	441
<b>IV own sources</b>									
20.	savings . . . . .	12222	5627	1729	7328	10165	5305	1508	6284
21.	pension, p.f., other annuation benefits . . . . .	1319	—	—	591	831	—	—	387
22.	sale of assets . . . . .	1910	179	6	899	1203	137	4	588
23.	subsidy & grants . . . . .	23	69	—	26	43	53	—	30
24.	gifts . . . . .	424	104	—	214	267	123	5	150
25.	others . . . . .	472	428	73	334	489	328	46	308
26.	sub-total (20-25) . . . . .	16369	6407	1809	9392	12997	5946	1563	7747
27.	total (7+15+19+26) . . . . .	20408	6654	2104	11354	16044	6136	1749	9265
estimated total finance (in 000) . . . . .		21775	3646	1611	27033	27178	4387	2152	33716



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE, OF STRUCTURE AND NATURE OF CONSTRUCTION.

ARUNACHAL PRADESH		RURAL							
sl. no.	source of finance	new building				all-buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
	<b>employer :</b>								
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	—	—	—	—	—	—	—	—
<b>III individuals</b>									
16.	friends and relatives	13086	—	88	307	13086	—	78	272
17.	amount owned to contractor	—	—	40	83	—	—	35	29
18.	others	—	51	—	8	—	66	—	10
19.	sub-total (16-18)	13086	51	128	348	13086	66	113	311
<b>IV own sources</b>									
20.	savings	26483	28120	3439	7705	26483	26173	3083	6895
21.	pension, p.f., other annuation benefits	—	132	—	21	—	123	—	18
22.	sale of assets	—	85	90	88	—	79	79	78
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	862	259	17	70	862	240	15	62
25.	others	2268	6612	500	1486	2268	6148	439	1319
26.	sub-total (20—25)	29614	35207	4047	9370	29614	32763	3616	8373
27.	total (7+15+19+6)	42700	35258	4175	9718	42700	32829	3729	8684
estimated total finance (in 000)		3629	26197	16410	46236	3629	26230	16695	46554

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE, OF STRUCTURE AND NATURE OF CONSTRUCTION.

CHANDIGARH		RURAL							
Sl. No.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1	housing boards/development bodies	—	—	—	—	—	—	—	—
2	government/local bodies	—	—	—	—	—	—	—	—
	<b>employer :</b>								
3	government	43	—	—	38	31	—	—	29
4	public sector undertakings	—	—	—	—	—	—	—	—
5	private sector	—	—	—	—	—	—	—	—
6	others	—	—	—	—	—	—	—	—
7	sub-total (1—6)	43	—	—	38	31	—	—	29
<b>II. financial institutions</b>									
8	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9	co-operative bank/credit societies	1308	—	—	1179	960	—	—	883
10	commercial banks	234	—	—	211	281	—	—	258
11	provident fund	152	—	—	137	112	—	—	103
12	life insurance corporations	—	—	—	—	—	—	—	—
13	other insurance companies	—	—	—	—	—	—	—	—
14	money lenders	199	—	—	180	184	—	—	169
15	sub-total (8—14)	1894	—	—	1707	1536	—	—	1412
<b>III. individuals</b>									
16	friends and relatives	7197	—	—	6486	5318	—	—	4889
17	amount owned to contractor	—	—	—	—	1490	—	—	1370
18	others	30	—	—	27	22	—	—	20
19	sub-total (16—18)	7227	—	—	6513	6830	—	—	6279
<b>IV. own sources</b>									
20	savings	12868	6073	—	12197	10761	6073	741	10347
21	pension, p.f., other annuities	457	—	—	412	336	—	—	309
22	sale of assets	3945	—	—	3555	3581	—	—	3292
23	subsidy & grants	—	—	—	—	—	—	—	—
24	gifts	46	—	—	41	34	—	—	31
25	others	1016	—	—	915	890	—	—	818
26	sub-total (20—25)	18332	6073	—	17121	15601	6073	741	14797
27	total (7+15+19+26)	27495	6073	—	25380	23999	6073	741	22517
estimated total finance (in 000)		13803	334	—	14137	16415	334	4	16753

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

DADRA & NAGAR HAVELI		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions :</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer :</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	277	103	—	—	243	52
15.	sub-total (8—14)	—	—	277	103	—	—	243	52
<b>III. individual</b>									
16.	friends and relatives	3191	539	667	1850	1873	242	668	1000
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	3191	539	667	1850	1873	242	668	1000
<b>IV. own sources</b>									
20.	savings	13039	3792	4013	8280	8747	2386	3857	5302
21.	pension, p.f., other annuities benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	—	—	—	—	119	—	45
24.	gifts	—	—	—	—	—	—	—	—
25.	others	—	—	—	—	—	—	—	—
26.	sub-total (20—25)	13039	3792	4013	8280	8747	2505	3857	5347
27.	total (7+15+19+26)	16230	4331	4957	10233	10621	2747	4768	6399
estimated total finance (in 000)		1477	126	352	1955	1646	393	386	2425

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

DELHI						RURAL			
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employers:</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	346	—	—	312	117	—	—	98
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	3485	—	—	3137	1172	—	—	985
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	780	—	—	703	262	—	—	221
15.	sub-total (8—14)	4609	—	—	4152	1551	—	—	1303
<b>III. individuals</b>									
16.	friends and relatives	2082	1589	—	2033	766	1663	—	909
17.	amount owned to contractors	—	—	—	—	—	—	—	—
18.	others	677	—	—	610	2635	—	—	2215
19.	sub-total (16—18)	2759	1589	—	2643	3401	1663	—	3124
<b>IV. own sources</b>									
20.	savings	28775	29502	—	28847	25455	10295	—	23034
21.	pension, p-f, other annuation benefits	—	—	—	—	96	—	—	81
22.	sale of assets	13721	18	—	12361	4617	114	—	3898
23.	subsidiary & grants	—	—	—	—	—	—	—	—
24.	gifts	1093	—	—	985	435	—	—	365
25.	others	532	—	—	479	985	—	—	827
26.	sub-total (20—25)	44121	29520	—	42672	31587	10409	—	28206
27.	total (7 + 15 + 19 + 26)	51489	31109	—	49467	36539	12071	—	32633
estimated total finance (in 000)		210283	13999	—	224282	443509	27836	—	471346

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION-

GOA		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	87	—	—	79	37	—	—	32
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employers</b>									
3.	government	136	—	—	124	58	—	—	50
4.	public sector undertakings	333	—	—	304	142	—	—	123
5.	private sector	—	—	—	—	31	—	—	26
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	555	—	—	568	268	—	—	231
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	113	—	1197	206	375	—	987	374
10.	commercial banks	842	—	—	769	625	271	—	563
11.	provident fund	814	—	—	744	445	—	—	385
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	1769	—	1197	1720	1445	271	987	1321
<b>III. individuals</b>									
15.	friends and relatives	2288	—	591	2142	1415	3313	497	1532
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	375	—	—	324
19.	sub-total (16-18)	2288	—	591	2142	1791	3313	497	1856
<b>IV. own sources</b>									
20.	savings	17492	—	3057	16253	10292	2116	3464	9245
21.	pension, provident fund, other annuation benefits	1300	—	—	1189	556	—	—	480
22.	sale of assets	1031	—	—	943	440	—	—	380
23.	subsidy and grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	1070	—	—	978	457	—	—	395
26.	sub-total (20—25)	20894	—	3057	19362	11745	2116	3464	10500
27.	total (7 + 15 + 19 + 26)	25505	—	4845	23731	15248	5701	4949	13908
estimated total finance (in 000)		89881	—	1604	91485	125784	4674	2390	132848

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

LAKSHADWEEP		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
1	2	3	4	5	6	7	8	9	10
<b>I non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
employers :									
3.	government	352	—	—	336	165	—	—	147
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	352	—	—	336	165	—	—	147
<b>II financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	60	—	—	58	28	—	—	25
10.	commercial banks	399	—	—	382	187	—	—	167
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	460	—	—	440	215	—	—	192
<b>III individuals</b>									
16.	friends and relatives	999	—	—	956	468	—	—	418
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	999	—	—	956	468	—	—	418
<b>IV own sources</b>									
20.	savings	6742	2127	—	6540	4246	1381	1103	3941
21.	pension, provident fund, other annuation benefits	83	—	—	80	39	—	—	35
22.	sale of assets	54	—	—	52	25	—	—	23
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	279	—	—	267	132	87	—	144
25.	others	2980	4376	—	3641	2613	2433	—	2582
26.	sub-total (20—25)	10139	6502	—	9980	7075	3902	1103	6725
27.	total (7 + 15 + 19 + 26)	11950	6502	—	11711	7922	3902	1103	7482
estimated total finance (in 000)		3919	98	—	4017	5553	308	4	5866

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

MIZORAM		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
1	2	3	4	5	6	7	8	9	10
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	60	—	—	15	59	—	—	14
<b>employer :</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	3	—	2	—	3	—	2
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	60	3	—	17	59	3	—	16
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	—	—	—	—	—	—	—	—
<b>III. individuals</b>									
16.	friends and relatives	2	7	62	11	2	7	52	10
17.	amount owned to contractors	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	2	7	62	11	2	7	52	10
<b>IV. own sources</b>									
20.	savings	801	20817	2752	14265	807	20575	2300	13863
21.	pension, p.f., other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	4	14	14	11	4	13	12	11
25.	others	1	574	1264	497	1	585	1173	508
26.	sub-total (20—25)	806	21405	4030	14713	812	21173	3485	14383
27.	total (7 + 15 + 19 + 26)	868	21415	4093	14741	874	21183	3537	14409
estimated total finance (in 000)		2187	144509	3880	150575	2205	145398	4011	151614

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

PONDICHERRY		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non financial institutions :</b>									
1.	housing boards/development bodies	2112	—	—	746	1463	—	—	590
2.	government/local bodies	718	319	17	365	498	277	33	294
<b>employer :</b>									
3.	government	971	—	—	343	673	—	—	271
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	3801	319	17	1454	2634	277	33	1154
<b>II. financial institutions : 1</b>									
8.	co-operative housing agencies	701	—	—	248	486	—	—	196
9.	co-operative bank/credit societies	—	—	—	—	29	—	—	12
10.	commercial banks	575	891	85	524	443	772	72	432
11.	provident fund	384	—	—	136	373	—	—	150
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	3785	1810	908	2222	3394	1576	319	2085
15.	sub-totaW (8—14)	5445	2701	993	3130	3724	2349	891	2874
<b>III. individuals</b>									
16.	friends and relatives	2493	184	—	941	1727	159	10	747
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	2493	184	—	941	1727	159	10	747
<b>IV. own sources</b>									
20.	savings	75172	2039	288	27319	53198	2008	413	22162
21.	pension, p.f., other annuation benefits	455	—	—	181	367	—	—	148
22.	sale of assets	8413	1394	219	3502	5857	1209	185	2779
23.	subsidy & grants	—	—	50	16	224	—	42	103
24.	gifts	—	—	—	—	—	—	—	—
25.	others	10733	1127	682	4379	7636	1059	618	3579
26.	sub-total (20—25)	94773	4560	1239	35373	67282	4276	1259	28770
27.	total (7+15+19+26)	106512	7764	2249	40901	76367	7061	2193	33546
estimated total finance (in 000)		139851	9535	2546	152031	144716	9559	3052	157768



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

DAMAN AND DIU		RURAL							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial instns.</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer :—</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	2479	—	—	1474	1522	—	—	1023
6.	others	—	—	—	—	—	—	—	—
7.	sub-total(1—6)	2479	—	—	1474	1522	—	—	1023
<b>II. financial instns.</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	5357	—	2173	423	4603	—	1795
15.	sub-total(8—14)	—	5357	—	2173	426	4603	—	1795
<b>III. individuals</b>									
16.	friends and relatives	1488	3214	—	2188	913	2762	—	1519
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total(16—18)	1488	3214	—	2188	913	2762	—	1519
<b>IV. own sources</b>									
20.	savings	16376	7368	—	12722	12510	7472	—	10859
21.	pension, p.f., other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	3375	—	1369	—	2900	—	950
24.	gifts	—	—	—	—	—	—	—	—
25.	others	1240	—	—	737	987	—	—	663
26.	sub-total(20—26)	17615	10743	—	14828	13497	10372	—	12473
27.	total(7+15+19+26)	21582	19314	—	20663	16358	17737	—	16809
estimated total finance (in 00)		3669	2240	—	5909	4531	2394	—	6928



TABLE (12): WEIGHTED AVERAGE INTEREST RATE OF LOANS CONTRACTED BY AGENCY GIVING LOANS FOR INDIVIDUAL OWNERS AND ORGANISATIONS

RURAL

state/ut	agency : non-financial institutions					
	housing boards/development bodies	government/local bodies	employer (government)	employer (public sector under takings)	employer (private sector)	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra Pradesh . . . . .	12.18	6.09	7.10	—	16.30	19.00
2. Assam . . . . .	—	0.02	—	—	8.60	—
3. Bihar . . . . .	—	1.40	10.69	0.84	10.19	7.47
4. Gujarat . . . . .	—	6.57	—	—	2.59	—
5. Haryana . . . . .	0.25	0.66	24.35	—	0.43	—
6. Himachal Pradesh . . . . .	—	6.54	—	—	—	—
7. Jammu & Kashmir . . . . .	6.00	13.42	0.91	—	0.63	—
8. Karnataka . . . . .	11.68	6.03	—	—	—	16.55
9. Kerala . . . . .	10.29	8.70	10.00	5.21	4.93	3.87
10. Madhya Pradesh . . . . .	—	—	4.25	24.00	60.00	22.22
11. Maharashtra . . . . .	18.00	2.52	—	—	7.10	9.40
12. Manipur . . . . .	—	—	—	—	—	5.0
13. Meghalaya . . . . .	—	—	—	—	—	—
14. Orissa . . . . .	—	1.16	9.00	—	—	16.78
15. Punjab . . . . .	—	—	—	—	6.59	—
16. Rajasthan . . . . .	—	4.29	9.13	—	12.00	—
17. Tamil Nadu . . . . .	21.62	10.01	9.75	14.28	12.40	15.98
18. Tripura . . . . .	—	0.01	6.88	—	—	—
19. Uttar Pradesh . . . . .	1.60	4.91	5.50	—	0.99	7.66
20. West Bengal . . . . .	0.10	5.74	7.44	8.55	1.70	30.57
21. Andaman & Nicobar Islands . . . . .	—	5.12	10.00	—	0.05	14.00
22. Chandigarh . . . . .	—	—	5.00	—	—	—
23. Goa . . . . .	4.00	—	—	—	4.50	—
24. Lakshadweep . . . . .	—	—	7.66	—	—	—
25. Mizoram . . . . .	—	5.00	—	—	—	—
26. Pondicherry . . . . .	7.22	5.89	12.22	—	—	—
27. Daman & Dju . . . . .	—	—	—	—	2.00	—
28. All India . . . . .	12.15	6.32	8.84	2.19	8.60	11.65



TABLE (1) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND STAGE OF CONSTRUCTION.

state/ut.	nature of construction														estimated no. of construction
	new building				addition to floor space				alteration & improvement				all		
	comp-leted	under const-ruktion	all	(4)	comp-leted	under const-ruktion	all	(7)	comp-leted	under const-ruktion	all	(10)	comp-leted	under const-ruktion	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
1. Andhra Pradesh	22.80	26.34	49.15	7.19	1.67	8.86	33.47	3.52	41.99	68.47	31.53	100.00	258188		
2. Assam	18.97	40.65	59.62	7.87	8.37	16.24	21.33	2.31	24.14	48.17	51.83	100.00	137113		
3. Bihar	32.00	31.65	63.66	4.74	10.77	15.50	15.26	5.57	20.83	52.00	48.00	100.00	111956		
4. Gujarat	12.51	22.65	35.16	31.29	3.16	34.45	27.53	2.86	30.39	71.33	28.67	100.00	115418		
5. Haryana	12.05	18.79	30.84	18.28	6.98	27.26	36.30	5.10	41.90	67.13	32.87	100.00	79903		
6. Himachal Pradesh	17.26	50.30	67.57	6.79	7.67	14.46	15.04	2.94	17.98	39.09	60.91	100.00	5451		
7. Jammu & Kashmir	11.20	24.08	35.28	9.50	5.18	14.68	44.74	5.30	50.04	65.44	34.56	100.00	22903		
8. Karnataka	23.50	38.70	62.19	10.32	4.46	14.78	16.66	6.37	23.03	50.47	49.53	100.00	104923		
9. Kerala	30.23	39.72	69.95	9.61	3.81	13.42	13.30	3.32	16.62	53.14	46.86	100.00	121071		
10. Madhya Pradesh	24.28	35.37	59.66	8.34	8.22	16.56	18.73	5.05	23.78	51.36	48.64	100.00	94587		
11. Maharashtra	28.96	26.36	55.32	11.13	2.89	14.02	27.19	3.47	30.66	67.28	32.72	100.00	268643		
12. Manipur	34.37	57.57	91.94	2.42	4.45	6.88	0.20	0.99	1.18	36.99	63.01	100.00	3545		
13. Meghalaya	19.71	55.27	74.97	1.59	9.63	11.21	13.82	—	13.82	35.11	64.89	100.00	882		
14. Nagaland	33.22	62.46	95.68	—	—	—	4.32	—	4.32	37.54	62.46	100.00	300		
15. Orissa	33.92	34.08	68.01	5.36	14.63	19.99	7.53	4.47	12.00	46.82	53.18	100.00	31417		
16. Punjab	19.47	11.56	31.02	13.67	4.02	17.67	44.62	6.77	51.29	77.65	22.35	100.00	119519		
17. Rajasthan	10.64	59.30	69.97	7.54	9.61	17.15	10.56	2.32	12.89	28.76	71.24	100.00	201713		
18. Sikkim	18.42	39.47	57.89	—	26.32	26.32	7.89	7.89	15.79	26.32	73.68	100.00	39		
19. Tamil Nadu	22.94	51.43	74.37	3.64	0.97	4.61	19.00	2.02	21.01	45.58	54.42	100.00	654007		
20. Tripura	18.81	29.13	47.94	15.83	2.72	18.55	28.33	5.18	33.51	62.96	37.04	100.00	4960		
21. Uttar Pradesh	12.79	17.42	30.21	16.35	9.52	25.87	36.37	7.55	43.92	65.51	34.49	100.00	240439		
22. West Bengal	15.62	37.44	53.06	8.13	8.64	16.78	24.58	5.59	30.17	48.33	51.67	100.00	238474		
23. Andman & Nicobar Islands	12.53	55.11	67.64	9.02	4.81	13.83	12.10	6.43	18.53	33.66	66.34	100.00	1851		
24. Arunchal Pradesh	47.06	26.05	73.11	22.69	4.20	26.89	—	—	—	69.75	30.25	100.00	238		
25. Chandigarh	9.79	57.79	69.59	—	2.30	2.30	14.44	13.66	28.11	24.24	75.76	100.00	2430		
26. Dadra & Nagar Haveli	98.06	1.16	99.23	0.39	—	0.39	0.39	—	0.39	98.84	1.16	100.00	1290		
27. Delhi	3.45	10.29	13.75	8.77	3.71	12.48	55.38	18.38	73.76	67.61	32.39	100.00	60366		
28. Goa	4.07	11.66	15.73	1.21	—	1.21	66.39	16.67	83.06	71.67	28.33	100.00	2651		
29. Lakshdweep	8.83	42.42	51.25	14.40	16.12	30.52	13.05	5.18	18.23	36.28	63.72	100.00	521		
30. Mizoram	37.94	36.19	74.13	19.68	3.17	22.86	0.63	2.38	3.02	58.25	41.75	100.00	630		
31. Pondicherry	38.99	36.56	75.54	9.69	1.75	11.44	11.50	1.52	13.02	60.17	39.83	100.00	15911		
32. Daman & Diu	74.58	25.42	100.00	—	—	—	—	—	—	74.58	25.42	100.00	59		
33. All-India	20.64	35.37	56.01	9.44	4.92	14.36	25.28	4.34	29.63	55.37	44.63	100.00	2777997		

TABLE (2) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY OWNERSHIP TYPE

URBAN

state/u.t.	house- hold for own use	housing co-op.	educa- tional insti- tution	religi- ous in- stitution	trust club etc.	promoter contract- or	others	total	estd. no. of const- ruction
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Andhra Pradesh	98.48	—	0.18	0.06	0.19	0.40	0.69	100.00	228188
2. Assam	98.42	—	—	—	—	—	1.58	100.00	13713
3. Bihar	95.92	—	0.07	1.20	—	0.07	2.74	100.00	111956
4. Gujarat	96.46	—	0.15	0.46	0.79	1.48	1.37	100.00	115418
5. Haryana	97.31	—	—	—	0.39	—	2.31	100.00	79903
6. Himachal Pradesh	89.12	—	0.86	0.24	—	—	9.78	100.00	5451
7. Jammu & Kashmir	98.40	—	0.05	0.73	0.09	—	0.73	100.00	22903
8. Karnataka	94.65	0.10	0.26	2.92	0.35	0.52	1.20	100.00	104923
9. Kerala	98.04	0.32	0.04	0.08	0.60	—	0.91	100.00	121071
10. Madhya Pradesh	93.79	—	0.05	1.19	0.19	—	4.79	100.00	94587
11. Maharashtra	96.33	7.65	—	0.24	0.25	1.51	1.01	100.00	268643
12. Manipur	97.72	0.76	0.25	1.27	—	—	—	100.00	3546
13. Meghalaya	90.71	—	1.36	2.72	—	—	5.21	100.00	882
14. Nagaland	100.00	—	—	—	—	—	—	100.00	300
15. Orissa	97.90	—	—	0.52	0.65	—	0.93	100.00	31417
16. Punjab	98.06	0.01	0.11	0.64	0.03	0.15	1.00	100.00	119519
17. Rajasthan	98.61	—	0.37	0.14	7.07	—	0.82	100.00	201713
18. Sikkim	100.00	—	—	—	—	—	—	100.00	39
19. Tamil Nadu	98.37	0.24	0.27	0.27	0.27	0.03	0.52	100.00	654007
20. Tripura	96.65	—	—	—	—	—	3.35	100.00	4960
21. Uttar Pradesh	97.07	—	0.27	0.96	0.16	—	1.52	100.00	240439
22. West Bengal	96.85	0.02	0.10	0.23	7.30	0.05	2.44	100.00	238474
23. Andaman & Nicobar Islands	97.51	—	—	1.08	0.22	—	1.19	100.00	1851
24. Arunachal Pradesh	39.24	—	—	4.22	—	—	56.54	100.00	238
25. Chandigarh	97.20	—	—	2.80	—	—	—	100.00	2430
26. Dadra & Nagar Haveli	99.77	0.23	—	—	—	—	—	100.00	1290
27. Delhi	95.70	—	1.24	0.36	1.18	0.28	1.23	100.00	60366
28. Goa	98.64	—	—	0.58	—	1.36	—	100.00	2651
29. Lakshadweep	99.43	—	—	0.58	—	—	—	100.00	521
30. Mizoram	94.13	—	—	0.79	0.32	—	4.76	100.00	630
31. Pondicherry	99.11	—	—	—	—	—	4.76	100.00	15911
32. Daman & Diu	100.00	—	—	—	—	—	—	100.00	59
33. All-India	93.34	0.14	0.20	0.48	0.25	0.29	1.31	100.00	2777997

TABLE (3) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY AGENCY OF CONSTRUCTION

state/u.t.							URBAN	
	owner with or without paid labour	owner with wholly paid labour	partly through contractor	wholly through contractor	n.r.	total	estimated no. of construction	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1. Andhra Pradesh	49.39	48.33	1.59	0.68	—	100.00	258188	
2. Assam	54.07	44.71	0.08	1.15	—	100.70	13713	
3. Bihar	54.76	41.18	2.48	1.59	—	100.00	111956	
4. Gujarat	33.11	44.13	7.89	14.87	—	100.00	115418	
5. Harayana	71.31	27.59	0.36	0.74	—	100.00	79903	
6. Himachal Pradesh	67.33	28.25	3.93	0.50	—	100.00	5451	
7. Jammu & Kashmir	57.67	41.90	0.44	—	—	100.00	22903	
8. Karnataka	33.77	51.45	5.29	9.49	—	100.00	104923	
9. Kerala	62.40	36.52	0.63	0.44	—	100.00	121071	
10. Madhya Pradesh	57.27	30.17	4.24	8.32	—	100.00	94587	
11. Maharashtra	47.18	40.69	5.45	6.66	0.02	100.00	268643	
12. Manipur	43.14	55.91	0.96	—	—	100.00	3546	
13. Meghalaya	35.79	59.46	3.40	1.36	—	100.00	882	
14. Nagaland	12.62	62.46	—	24.92	—	100.00	300	
15. Orissa	44.55	53.65	0.28	1.52	—	100.00	31417	
16. Punjab	69.98	29.07	0.79	0.15	—	100.00	119519	
17. Rajasthan	21.54	13.22	21.22	44.02	—	100.00	201713	
18. Sikkim	53.85	46.15	—	—	—	100.00	39	
19. Tamil Nadu	75.75	22.47	0.92	0.87	—	100.00	654007	
20. Tripura	9.88	88.95	1.17	—	—	100.00	4960	
21. Uttar Pradesh	69.37	28.70	1.08	0.80	—	100.00	240439	
22. West Bengal	36.59	61.63	—	1.03	—	100.00	238474	
23. Andaman & Nicobar Islands	78.02	19.28	1.62	1.08	—	100.00	1851	
24. Arunachal Pradesh	70.71	9.66	20.17	—	—	100.00	238	
25. Chandigarh	6.46	39.36	—	54.18	—	100.00	2430	
26. Dadra & Nagar Haveli	0.08	99.46	—	0.46	—	100.00	1290	
27. Delhi	26.13	58.17	2.85	12.84	—	100.00	60366	
28. Goa	22.03	53.34	24.63	—	—	100.00	2651	
29. Lakshadweep	97.50	2.50	—	—	—	100.00	521	
30. Mizoram	60.16	39.84	—	—	—	100.00	630	
31. Pondicherry	74.57	25.10	0.33	—	—	100.00	15911	
32. Daman & Diu	25.42	74.58	—	—	—	100.00	59	
33. All-India	54.86	35.60	3.54	5.99	—	100.00	2777997	

TABLE (4) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY PURPOSE AND TYPE OF STRUCTURE  
ALL-INDIA

sl. no.	purpose of constructions	type of structure				estimated no. of constructions	number of sample constructions
		pucca	semi-pucca	katcha	total		
		(3)	(4)	(5)	(6)		
(1)	(2)					(7)	(8)
1.	residential	74.30	9.37	6.34	90.01	2500343	12056
2.	industrial	0.64	0.11	0.07	0.92	22691	160
3.	commercial	3.28	0.54	0.37	4.19	116337	727
4.	agricultural	0.25	0.10	0.08	0.43	11907	76
5.	educational	0.20	0.02	0.01	0.23	6447	56
6.	health	0.08	0.02	—	0.09	2545	19
7.	residential cum industrial	0.40	0.03	0.03	0.46	12885	66
8.	residential cum commercial	1.54	0.13	0.11	1.79	49657	284
9.	others	1.55	0.30	0.13	1.99	55185	3396
10.	all	82.24	10.63	7.14	100.00	2777997	13840
estimated no. of constructions		2284546	295237	198214	2477997	—	—

TABLE (5) : AVERAGE COST (RS.) OF CONSTRUCTION PER SQUARE METRE FOR COMPLETED NEW BUILDING CONSTRUCTIONS BY TYPE OF STRUCTURE

state/u.t.	average cost of construction (Rs./sq.m.)				estimated no. of constructions	no. of sample constructions	
	pucca	semi-pucca	katcha	all			
	(2)	(3)	(4)	(5)			
(1)					(6)	(7)	
1.	Andhra Pradesh	812	326	101	661	58877	426
2.	Assam	1361	270	169	502	2601	67
3.	Bihar	336	213	160	313	35825	151
4.	Gujarat	559	277	202	551	14438	72
5.	Haryana	551	307	—	550	9627	56
6.	Himachal Pradesh	1676	136	1405	956	941	21
7.	Jammu & Kashmir	1027	524	352	980	2566	97
8.	Karnataka	850	318	107	720	24652	178
9.	Kerala	854	297	115	768	36598	263
10.	Madhya Pradesh	507	252	113	424	22967	147
11.	Maharashtra	985	283	225	930	77796	308
12.	Manipur	346	414	10473	2017	1219	31
13.	Meghalaya	1450	517	—	1253	174	7
14.	Nagaland	20006	1029	—	10767	10000	5
15.	Orissa	557	181	116	345	10658	56
16.	Punjab	1424	178	207	1347	23265	232
17.	Rajasthan	313	157	—	313	21509	33
18.	Sikkim	(no sample constructions)					
19.	Tamil Nadu	503	301	116	470	150046	484
20.	Tripura	452	505	182	451	93933	53
21.	Uttar Pradesh	591	153	74	506	30753	195
22.	West Bengal	861	2677	139	665	37246	211
23.	Andaman & Nicobar Island	1724	453	196	1637	232	22
24.	Arunachal Pradesh	(no sample construction)					
25.	Chandigarh	1501	—	—	1501	238	7
26.	Dadra & Nagar Haveli	1908	—	—	1908	1266	6
27.	Delhi	1659	226	—	1658	2087	32
28.	Goa	1383	312	—	1050	108	2
29.	Lakshadweep	522	—	46	503	46	15
30.	Mizoram	1515	1158	480	1368	239	41
31.	Pondicherry	1012	117	46	359	6203	26
32.	Daman & Diu	756	—	—	756	44	2
33.	All-India	671	278	199	617	573372	3249



TABLE (6.) : AVERAGE FLOOR AREA (SQ. M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	NEW BUILDING COMPLETED			URBAN
	pucca	semi-pucca	katcha	all
	average floor area	average floor area	average floor area	average floor area
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh . . . . .	56	28	22	42
2. Assam . . . . .	36	82	27	42
3. Bihar . . . . .	88	23	24	62
4. Gujarat . . . . .	71	19	10	65
5. Haryana . . . . .	61	1	—	60
6. Himachal Pradesh . . . . .	34	82	9	45
7. Jammu & Kashmir . . . . .	87	19	14	64
8. Karnataka . . . . .	53	39	17	47
9. Kerala . . . . .	61	32	21	52
10. Madhya Pradesh . . . . .	72	23	36	48
11. Maharashtra . . . . .	68	23	15	58
12. Manipur . . . . .	60	55	48	56
13. Meghalaya . . . . .	29	30	—	29
14. Nagaland . . . . .	19	19	—	19
15. Orissa . . . . .	69	26	19	35
16. Punjab . . . . .	67	16	10	62
17. Rajasthan . . . . .	185	20	—	184
18. Tamil Nadu . . . . .	63	37	19	54
19. Tripura . . . . .	138	24	19	76
20. Uttar Pradesh . . . . .	52	19	26	41
21. West Bengal . . . . .	29	23	23	27
22. Andaman & Nicobar Islands . . . . .	26	27	15	26
23. Chandigarh . . . . .	143	—	—	143
24. Dadra & Nagar Haveli . . . . .	35	—	—	35
25. Delhi . . . . .	88	3	—	86
26. Goa . . . . .	133	48	—	76
27. Lakshadweep . . . . .	78	—	27	72
28. Mizoram . . . . .	119	38	59	78
29. Pondicherry . . . . .	63	33	19	24
30. Daman & Diu . . . . .	37	—	—	37
31. All-India . . . . .	69	27	21	56

TABLE (6.) : AVERAGE FLOOR AREA (SQ. M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

state/u.t.	NEW BUILDING—UNDER CONSTRUCTION			URBAN
	pucca	semi-pucca	katcha	all
	average floor area	average floor area	average floor area	average floor area
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh . . . . .	79	34	27	76
2. Assam . . . . .	71	32	48	61
3. Bihar . . . . .	112	43	61	99
4. Gujrat . . . . .	75	12	20	71
5. Haryana . . . . .	114	6	—	114
6. Himachal Pradesh . . . . .	60	23	—	58
7. Jammu & Kashmir . . . . .	120	66	22	117
8. Karnataka . . . . .	70	30	27	67
9. Kerala . . . . .	75	44	46	74
10. Madhya Pradesh . . . . .	262	50	27	230
11. Maharashtra . . . . .	158	32	15	151
12. Manipur . . . . .	61	59	77	63
13. Meghalaya . . . . .	335	—	—	335
14. Nagaland . . . . .	47	29	—	45
15. Orissa . . . . .	61	59	26	58
16. Punjab . . . . .	82	11	12	80
17. Rajasthan . . . . .	221	36	14	220
18. Sikkim . . . . .	743	—	—	743
19. Tamil Nadu . . . . .	37	41	54	38
20. Tripura . . . . .	45	41	20	42
21. Uttar Pradesh . . . . .	85	44	30	84
22. West Bengal . . . . .	81	15	17	72
23. Andaman & Nicobar Island . . . . .	37	54	—	37
24. Arunachal Pradesh . . . . .	83	43	—	63
25. Chandigarh . . . . .	227	—	—	227
26. Dadra & Nagar Haveli . . . . .	70	—	—	70
27. Delhi . . . . .	176	20	—	175
28. Goa . . . . .	126	—	—	126
29. Lakshadweep . . . . .	82	115	—	85
30. Mizoram . . . . .	102	63	—	92
31. Pondicherry . . . . .	62	61	24	62
32. Daman & Diu . . . . .	54	—	—	54
33. All- India . . . . .	96	35	39	92

TABLE (6) : AVERAGE FLOOR AREA (SQ. M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION  
ADDITION TO FLOOR SPACE—COMPLETED

state/u.t.	URBAN			
	pucca average floor area	semi-pucca average floor area	katcha average floor area	all average floor area
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh . . . . .	17	14	16	17
2. Assam . . . . .	20	21	35	25
3. Bihar . . . . .	40	20	1115	116
4. Gujarat . . . . .	30	12	—	30
5. Haryana . . . . .	19	7	—	19
6. Himachal Pradesh . . . . .	39	10	—	28
7. Jammu & Kashmir . . . . .	20	14	—	20
8. Karnataka . . . . .	20	16	35	19
9. Kerala . . . . .	19	20	11	19
10. Madhya Pradesh . . . . .	52	47	14	49
11. Maharashtra . . . . .	18	16	29	19
12. Manipur . . . . .	22	61	25	42
13. Meghalaya . . . . .	15	—	—	15
14. Orissa . . . . .	20	21	—	21
15. Punjab . . . . .	20	19	—	20
16. Rajasthan . . . . .	12	12	15	12
17. Tamil Nadu . . . . .	31	23	24	29
18. Tripura . . . . .	38	18	12	19
19. Uttar Pradesh . . . . .	15	12	13	15
20. West Bengal . . . . .	19	12	22	18
21. Andman & Nicobar Islands . . . . .	13	10	9	12
22. Arunachal Pradesh . . . . .	—	34	4	27
23. Dadra & Nagar Haveli . . . . .	32	—	—	32
24. Delhi . . . . .	19	—	—	19
25. Goa . . . . .	14	—	—	14
26. Lakshadweep . . . . .	28	—	—	28
27. Mizoram . . . . .	63	40	—	50
28. Pondicherry . . . . .	10	23	5	14
29. All-India . . . . .	22	20	66	23

TABLE (6) : AVERAGE FLOOR AREA (SQ. M.) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION.

## ADDITION TO FLOOR SPACE—UNDER CONSTRUCTION

URBAN

state/u.t.	pucca	semi-pucca	katcha	all
	average floor area	average floor area	average floor area	average floor area
(1)	(2)	(3)	(4)	(5)
1. Andhra Pradesh . . . . .	33	12	8	33
2. Assam . . . . .	42	328	—	219
3. Bihar . . . . .	103	51	30	98
4. Gujarat . . . . .	55	—	—	55
5. Haryana . . . . .	43	—	—	43
6. Himachal Pradesh . . . . .	29	13	—	28
7. Jammu & Kashmir . . . . .	54	44	—	53
8. Karnataka . . . . .	27	31	—	27
9. Kerala . . . . .	25	21	—	25
10. Madhya Pradesh . . . . .	44	93	—	51
11. Maharashtra . . . . .	160	13	16	147
12. Manipur . . . . .	30	35	8	31
13. Meghalaya . . . . .	29	21	—	26
14. Orissa . . . . .	54	14	150	51
15. Punjab . . . . .	—	2	—	24
16. Rajasthan . . . . .	—	51	38	25
17. Tamil Nadu . . . . .	—	12	23	43
18. Tripura . . . . .	—	45	—	100
19. Uttar Pradesh . . . . .	—	17	22	35
20. West Bengal . . . . .	—	15	13	46
21. Andaman & Nicobar Islands . . . . .	—	—	—	22
22. Chandigarh . . . . .	—	—	—	124
23. Delhi . . . . .	—	—	—	47
24. Lakshadweep . . . . .	—	—	—	31
25. Mizoram . . . . .	—	55	—	45
26. Pondicherry . . . . .	—	—	—	47
27. All-India . . . . .	—	61	19	51

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION.

			URBAN			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>ALL-INDIA</b>						
1.	pucca	completed	44399	11193	5314	20234
2.	„	under construction	89055	34127	24786	77276
3.	semi-pucca	completed	7308	4081	2995	4931
4.	„	under construction	16151	16251	6763	14371
5.	katcha	completed	3566	1925	1508	2465
6.	„	under construction	192033	545	7070	130153
7.	all	completed	32728	9865	4528	15951
8.	„	under construction	87496	32494	22174	75079
<b>ANDHRA PRADESH</b>						
1.	pucca	completed	43665	9125	5028	18270
2.	„	under construction	122267	56193	13448	108598
3.	semi-pucca	completed	8981	3936	3216	5618
4.	„	under construction	19286	10000	5002	10835
5.	katcha	completed	2189	3149	1441	1699
6.	„	under construction	3486	11806	2994	3510
7.	all	completed	27256	7826	3685	11971
8.	„	under construction	115219	55232	11278	100438
<b>ASSAM</b>						
1.	pucca	completed	34626	8614	2138	24528
2.	„	under construction	85738	42053	13468	77734
3.	semi-pucca	completed	18829	11263	10556	12684
4.	„	under construction	30322	61244	31449	42067
5.	katcha	completed	3536	1477	3056	3092
6.	„	under construction	5389	—	—	5389
7.	all	completed	16315	8208	5817	10342
8.	„	under construction	67845	54008	19446	62989
<b>BIHAR</b>						
1.	pucca	completed	28034	15081	4334	17688
2.	„	under construction	76183	18263	16054	54914
3.	semi-pucca	completed	4929	5684	2178	4116
4.	„	under construction	14909	24578	4169	15885
5.	katcha	completed	1298	4047	1102	1344
6.	„	under construction	5956	5000	800	3443
7.	all	completed	14117	12048	3588	10838
8.	„	under construction	64093	11290	14345	48043
<b>GUJRAT</b>						
1.	pucca	completed	34044	5926	3997	9945
2.	„	under construction	85350	33567	15475	72648
3.	semi-pucca	completed	5110	2150	1278	2319
4.	„	under construction	1933	—	2918	2172
5.	katcha	completed	1962	—	1482	1757
6.	„	under construction	1515	—	—	1515
7.	all	completed	31343	5907	3751	9536
8.	„	under construction	79239	33567	13899	67679

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION.

URBAN

sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>HARAYANA</b>						
1.	pucca	completed	33788	9710	4770	11388
2.	„	under construction	88097	30704	13005	60710
3.	semi-pucca	completed	3079	4320	3969	3888
4.	„	under construction	5031	—	—	5031
5.	katcha	completed	—	—	950	950
6.	„	under construction	—	—	—	—
7.	all	completed	33089	9622	4712	11143
8.	„	under construction	87814	30704	13005	60601
<b>HIMACHAL PRADESH</b>						
1.	pucca	completed	33175	15689	6809	19907
2.	„	under construction	82451	27768	18181	72260
3.	semi-pucca	completed	11110	8980	1889	7256
4.	„	under construction	19863	13853	—	19284
5.	katcha	completed	6360	—	1786	5378
6.	„	under construction	—	—	—	—
7.	all	completed	27984	13597	5835	16963
8.	„	under construction	79666	27269	18181	70106
<b>JAMMU &amp; KASHMIR</b>						
1.	pucca	completed	83898	17465	8816	20258
2.	„	under construction	122968	111148	29039	110556
3.	semi-pucca	completed	9805	17298	3901	7327
4.	„	under construction	44669	46504	2328	25698
5.	katcha	completed	4974	—	3040	3698
6.	„	under construction	3063	—	1236	2390
7.	all	completed	60787	17460	8365	81661
8.	„	under construction	119001	111569	22058	103017
<b>KARNATAKA</b>						
1.	pucca	completed	44608	14945	4243	26923
2.	„	under construction	108544	40681	75983	99463
3.	semi-pucca	completed	11976	3104	2334	6139
4.	„	under construction	16928	9738	5686	13136
5.	katcha	completed	1760	8556	1740	1974
6.	„	under construction	6457	—	2294	3179
7.	all	completed	33008	11331	3250	18754
8.	„	under construction	100200	36674	48154	87790
<b>KERALA</b>						
1.	pucca	completed	52003	15633	4689	31917
2.	„	under construction	85604	24879	10035	76387
3.	semi-pucca	completed	9568	9949	3240	8205
4.	„	under construction	19558	13785	8110	14216
5.	katcha	completed	2370	1679	760	2231
6.	„	under construction	11865	—	5000	10210
7.	all	completed	39613	11713	4415	26298
8.	„	under construction	83291	24622	9375	73279

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			URBAN			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>MADHYA PRADESH</b>						
1.	pucca	completed . . . . .	33722	5274	7411	18268
2.	„	under construction . . . . .	106327	25540	11515	81574
3.	semi-pucca	completed . . . . .	5231	3607	1852	3818
4.	„	under construction . . . . .	34586	4285	3982	27583
5.	katcha	completed . . . . .	4037	1635	970	2995
6.	„	under construction . . . . .	3576	—	—	3576
7.	all	completed . . . . .	18855	4533	4988	11471
8.	„	under construction . . . . .	95069	22962	11397	74201
<b>MAHARASHTRA</b>						
1.	pucca	completed . . . . .	62080	11522	6277	30845
2.	„	under construction . . . . .	344370	51553	37590	287925
3.	semi-pucca	completed . . . . .	6405	3993	2955	4775
4.	„	under construction . . . . .	16231	9725	6075	14055
5.	katcha	completed . . . . .	3214	2016	1637	2395
6.	„	under construction . . . . .	3725	4947	3674	3752
7.	all	completed . . . . .	50809	9125	5767	25709
8.	„	under construction . . . . .	324014	47926	34058	268935
<b>MANIPUR</b>						
1.	pucca	completed . . . . .	20625	7890	—	20094
2.	„	under construction . . . . .	136313	41667	37238	128771
3.	semi-pucca	completed . . . . .	22567	11121	42949	21169
4.	„	under construction . . . . .	44142	19902	—	40042
5.	katcha	completed . . . . .	498360	6739	—	480374
6.	„	under construction . . . . .	91787	2042	—	89121
7.	all	completed . . . . .	113826	9385	42949	106602
8.	„	under construction . . . . .	117490	33492	37238	110295
<b>MEGHALAYA</b>						
1.	pucca	completed . . . . .	41831	11039	7986	28937
2.	„	under construction . . . . .	1784124	42577	—	1607724
3.	semi-pucca	completed . . . . .	15368	—	2637	8029
4.	„	under construction . . . . .	—	49939	—	49939
5.	katcha	completed . . . . .	—	—	—	—
6.	„	under construction . . . . .	—	—	—	—
7.	all	completed . . . . .	36356	11089	5837	23279
8.	„	under construction . . . . .	1784124	46175	—	1526165
<b>NAGALAND</b>						
1.	pucca	completed . . . . .	79389	—	962	66853
2.	„	under construction . . . . .	298333	—	—	298333
3.	semi-pucca	completed . . . . .	19779	—	—	19779
4.	„	under construction . . . . .	34539	—	—	34539
5.	katcha	completed . . . . .	5000	—	—	5000
6.	„	under construction . . . . .	—	—	—	—
7.	all	completed . . . . .	53836	—	962	47753
8.	„	under construction . . . . .	245013	—	—	245013

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

sl. no	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>ORISSA</b>						
1.	pucca	completed	29073	9642	8102	18900
2.	"	under construction	43680	31157	16837	37744
3.	semi-pucca	completed	4322	8073	2857	4526
4.	"	under construction	28488	6139	1083	18727
5.	katcha	completed	2208	—	1009	1971
6.	"	under construction	3279208	40000	2496	2881378
7.	all	completed	10659	9139	6353	9792
8.	"	under construction	336999	23304	15741	225076
<b>PUNJAB</b>						
1.	pucca	completed	95809	15536	5123	29069
2.	"	under construction	263682	26177	22219	149866
3.	semi-pucca	completed	2582	1913	1797	2047
4.	"	under construction	8043	2999	6506	496
5.	katcha	completed	1255	—	1229	1240
6.	"	under construction	1392	—	—	1392
7.	all	completed	85025	14049	4854	26570
8.	"	under construction	256039	25453	20955	143346
<b>RAJASTHAN</b>						
1.	pucca	completed	57815	6657	4380	26316
2.	"	under construction	62599	31376	23203	57406
3.	semi-pucca	completed	3153	2112	9948	6462
4.	"	under construction	7270	17750	1141	11798
5.	katcha	completed	—	1585	2545	2054
6.	"	under construction	4455	1861	—	1976
7.	all	completed	57431	6005	4690	24587
8.	"	under construction	62469	29591	22252	56723
<b>SIKKIM</b>						
1.	pucca	completed	90200	—	361165	155899
2.	"	under construction	73467	53244	133400	72666
3.	semi-pucca	completed	—	—	—	—
4.	"	under construction	—	—	—	—
5.	katcha	completed	—	—	—	—
6.	"	under construction	—	—	—	—
7.	all	completed	90200	—	361165	155899
8.	"	under construction	73467	53244	133400	72666
<b>TAMILNADU</b>						
1.	pucca	completed	31598	17601	4183	21317
2.	"	under construction	29554	44538	22401	29667
3.	semi-pucca	completed	11185	3945	2265	5009
4.	"	under construction	15206	7215	4498	12957
5.	katcha	completed	2187	2332	1500	1800
6.	"	under construction	4254	2505	1740	3768
7.	all	completed	25394	13557	3073	15146
8.	"	under construction	28724	46264	17477	28603



TABLE (7): AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			URBAN			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>TRIPURA</b>						
1.	pucca	completed . . . . .	47184	20072	7255	37304
2.	„	under construction . . . . .	74450	86796	33545	70611
3.	semi-pucca	completed . . . . .	12082	2477	3509	6392
4.	„	under construction . . . . .	20951	23740	12506	20047
5.	katcha	completed . . . . .	3406	679	1851	1577
6.	„	under construction . . . . .	3455	—	7011	4553
7.	all	completed . . . . .	29804	5386	2646	11444
8.	„	under construction . . . . .	60239	59878	23214	55062
<b>UTTAR PRADESH</b>						
1.	pucca	completed . . . . .	27218	10212	4125	9438
2.	„	under construction . . . . .	87473	29719	20457	58334
3.	semi-pucca	completed . . . . .	2739	3299	4837	3848
5.	„	under construction . . . . .	12635	6843	7666	8788
5.	katcha	completed . . . . .	1773	1035	896	1199
6.	„	under construction . . . . .	5967	16319	1000	7350
7.	all	completed . . . . .	18763	9834	3991	8333
8.	„	under construction . . . . .	84507	24938	17996	54335
<b>WEST BENGAL</b>						
1.	pucca	completed . . . . .	23280	11325	6475	11892
2.	„	under construction . . . . .	56176	24386	23813	47297
3.	semi-pucca	completed . . . . .	5492	2298	2996	3989
4.	„	under construction . . . . .	6900	7279	16751	7441
5.	katcha	completed . . . . .	2357	1267	1525	1874
6.	„	under construction . . . . .	4605	6116	3713	4593
7.	all	completed . . . . .	16055	8739	5684	9550
8.	„	under construction . . . . .	48744	25933	23182	42162
<b>ANDAMAN &amp; NICOBAR</b>						
1.	pucca	completed . . . . .	45095	13000	9804	27046
2.	„	under construction . . . . .	70143	12296	63501	65247
3.	semi-pucca	completed . . . . .	12268	1853	2934	3619
4.	„	under construction . . . . .	78181	—	—	78181
5.	katcha	completed . . . . .	2946	2177	1250	1408
6.	„	under construction . . . . .	..	..	..	..
7.	all	completed . . . . .	42556	9403	6733	20789
8.	„	under construction . . . . .	70337	12296	63501	65468
<b>ARUNACHAL PRADESH</b>						
1.	pucca	completed . . . . .	51563	—	—	51563
2.	„	under const ruction . . . . .	97189	151950	—	107198
3.	semi-pucca	completed . . . . .	—	4280	—	4280
4.	„	under construction . . . . .	1279630	—	—	1279630
5.	katcha	completed . . . . .	4960	11920	—	5661
6.	„	under construction . . . . .	—	—	—	—
7.	all	completed . . . . .	9909	6898	—	8656
8.	„	under construction . . . . .	574000	154950	—	515799

TABLE (7): AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

			URBAN			
sl. no.	type of structure	stage of construction	average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>CHANDIGARH</b>						
1.	pucca	completed	215320	..	19794	98801
2.	"	under construction	252970	1318424	108359	259301
3.	semi-pucca	completed	..	..	..	..
4.	"	under construction	..	..	..	..
5.	katcha	completed	..	..	..	..
6.	"	under construction	..	..	..	..
7.	all	completed	215320	..	19794	98801
8.	"	under construction	252970	1318424	108359	259301
<b>DADRA &amp; NAGAR HAVELI</b>						
1.	pucca	completed	65937	2934	68648	6575X
2.	"	under construction	72403	..	..	72403
3.	semi-pucca	completed	..	..	..	..
4.	"	under construction	..	..	..	..
5.	katcha	completed	..	..	..	..
6.	"	under construction	..	..	..	..
7.	all	completed	65937	2934	68648	65752
8.	"	under construction	72403	..	..	72430
<b>DELHI</b>						
1.	pucca	completed	137380	26882	8779	18223
2.	"	under construction	400001	88236	33354	158852
3.	semi-pucca	completed	685	—	5078	4977
4.	"	under construction	26938	—	—	26938
5.	katcha	completed	—	—	3901	3901
6.	"	under construction	—	—	60050	60050
7.	all	completed	135480	26882	8441	17328
8.	"	under construction	396579	88236	34617	155814
<b>GOA</b>						
1.	pucca	completed	210520	9011	6733	11118
2.	"	under construction	290485	—	9238	156785
3.	semi-pucca	completed	14989	—	1679	6199
4.	"	under construction	—	—	13500	13500
5.	katcha	completed	—	—	—	—
6.	"	under construction	—	—	—	—
7.	all	completed	80166	9011	6327	10570
8.	"	under construction	290485	—	10800	125877
<b>LAKSHADWEEP</b>						
1.	pucca	completed	38767	7699	3735	12875
2.	"	under construction	47026	12834	7719	34500
3.	semi-pucca	completed	2880	—	—	2880
4.	"	under construction	43383	—	—	43383
5.	katcha	completed	1233	—	—	1233
6.	"	under construction	—	—	—	—
7.	all	completed	33127	7699	3735	12462
8.	"	under construction	46730	12834	7719	34981

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

				URBAN			
Sl. no.	type of structure	stage of construction	average cost (Rs.)				
			new building	addition floor space	alteration to improve-ment	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	
<b>MIZORAM</b>							
1.	pucca	completed	179981	29894	—	128894	
2.	"	under construction	348214	52500	600000	344764	
3.	semi-pucca	completed	38893	11409	34266	28691	
4.	"	under construction	91694	21342	—	87295	
5.	katcha	completed	28155	—	—	28155	
6.	"	under construction	—	—	—	—	
7.	all	completed	100569	19757	34266	72542	
8.	"	under construction	272833	46461	600000	274278	
<b>PONDICHERY</b>							
1.	pucca	completed	61757	6313	2741	26423	
2.	"	under construction	87833	48397	25031	83901	
3.	semi-pucca	completed	5895	7722	2519	4008	
4.	"	under construction	28935	—	2000	23331	
5.	kacha	completed	858	925	1453	900	
6.	"	under construction	2515	—	—	2515	
7.	all	completed	8772	2082	2446	6486	
8.	"	under construction	86330	48397	22081	82207	
<b>DAMAN &amp; DIU</b>							
1.	pucca	completed	27698	—	—	27698	
2.	"	under construction	68460	—	—	68460	
3.	semi-pucca	completed	—	—	—	—	
4.	"	under construction	—	—	—	—	
5.	katcha	completed	—	—	—	—	
6.	"	under construction	—	—	—	—	
7.	all	completed	27698	—	—	27698	
8.	"	under construction	68460	—	—	68460	

TABLE (8) : AVERAGE AMOUNT OF CONSTRUCTION EXPENDITURE INCURRED (RS.) DURING THE YEAR PER CONSTRUCTION WORK BY TIMES OF EXPENDITURE NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE

ALL-INDIA		URBAN							
sl. no.	item of expenditure	new building				all building			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	stone blocks	1217	278	76	1063	755	154	54	641
2.	stone slabs	319	69	29	278	233	58	22	199
3.	stone chips	896	76	12	769	601	56	8	501
4.	bricks (burnt)	4214	1216	83	3692	3029	892	64	2590
5.	bricks (unburnt)	166	121	42	154	114	76	33	105
6.	sand	1283	169	55	1108	897	144	44	756
7.	cement	4423	339	32	3788	3149	319	43	2627
8.	lime	256	39	23	222	169	29	13	143
9.	bitumen	8	2	—	7	6	1	3	5
10.	wood and timber	1813	842	671	1656	1232	570	367	1100
11.	plywood	67	7	2	57	51	9	1	43
12.	plyboard	20	1	—	17	13	1	—	11
13.	laminated sheet	9	14	1	9	7	10	1	7
14.	tiles for roof	150	337	33	160	114	255	25	123
15.	mosaic tiles	272	15	—	233	194	13	—	161
16.	other floor tiles	258	19	2	221	172	21	1	144
17.	asbestos sheets	62	63	3	58	60	50	4	55
18.	corrugated iron sheets	90	351	416	134	76	223	202	101
19.	iron and steel	3181	86	5	2709	2177	87	4	1800
20.	doors and windows (wooden)	770	254	205	689	545	181	108	475
21.	doors and windows (iron)	417	52	5	359	308	42	4	258
22.	veener	6	4	—	5	5	3	—	4
23.	iron and steel fittings	256	18	4	219	197	19	8	164
24.	bamboo cane and reed	29	208	365	65	23	164	310	58
25.	straw, grass and leaves	5	85	287	29	4	75	339	36
26.	paint and varnish	273	24	3	234	202	16	4	168
27.	sanitary fittings	272	9	1	232	189	20	5	158
28.	electrical fittings	421	95	25	367	302	61	22	256
29.	plumbing & water supply fittings	320	24	3	274	209	15	4	174
30.	glass fittings	118	2	—	100	83	5	—	69
31.	bolts, nuts, nails pulleys coupling	131	56	24	117	95	41	15	83
32.	pumps and precast cement or metal tank	63	2	3	54	41	5	1	34
33.	drainage pipes	57	1	—	49	41	2	2	34
34.	other materials	690	237	188	619	523	174	165	461
35.	materials (sub-total)	22531	5114	2596	10748	15815	3798	1874	133583
36.	mason	3001	572	92	2601	2129	409	86	1800
37.	carpenter	500	154	256	454	345	119	130	306
38.	plumber	74	5	—	63	51	3	—	42
39.	electrician	98	18	9	86	70	12	6	59
40.	others	319	80	95	284	230	66	89	202
41.	unskilled	2143	459	346	1882	1503	316	221	1286
42.	labour hired sub-total (36 to 41)	6137	1242	798	5371	4328	928	533	3696
43.	household labour	303	341	164	298	251	223	125	239
44.	labour sub-total (42 and 43)	6440	1583	963	6668	4579	1149	658	3935
45.	professional services	217	4	1	185	139	4	2	115
46.	rental and hired charges	359	25	13	308	246	25	13	206
47.	municipal fees	130	15	2	112	82	11	1	69
48.	charges paid to electric supply authorities	134	14	4	115	80	11	3	67
49.	other service charges	129	17	19	112	92	13	12	78
50.	service charges sub-total (45 to 49)	959	76	39	832	640	64	31	535
51.	n. r.	1	—	1	1	1	—	—	1
52.	total expenditure (items 35+44+50+51)	29941	6772	3598	26249	21035	5011	2526	18014
53.	used materials	345	324	109	329	329	239	81	302
total estimated expenditure in (000)		40010351	991955	352582	41354888	48807471	1549844	523968	50881282

TABLE (9) : AVERAGE AMOUNT OF QUANTITY (STANDARD UNIT) AND VALUE (Rs.) OF DIFFERENT ITEMS OF INPUTS USED SINCE START OF CONSTRUCTION FOR COMPLETED NEW BUILDING PER CONSTRUCTION BY TYPE OF STRUCTURE.

ALL-INDIA		URBAN							
sl. no.	item of input	pucca		semi-pucca		katcha		all	
		quantity	value	quantity	value	quantity	value	quantity	value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	stone blocks . . . . . cu. meter	25	1228	9	297	1	80	19	918
2.	stone slabs . . . . . cu. meter	15	376	3	86	1	33	11	281
3.	stone chips . . . . . cu. meter	13	971	1	70	—	9	9	691
4.	bricks (burnt) . . . . . (00)	196	5594	47	1176	8	44	146	4111
5.	bricks (unburnt) . . . . . (00)	11	150	7	97	8	24	10	124
6.	sand . . . . . cu. meter	131	4771	5	203	1	60	93	3377
7.	cement . . . . . quintal	40	5596	3	434	—	27	29	3987
8.	lime . . . . . kg.	434	330	45	48	13	25	313	242
9.	bitumen . . . . . kg.	1	5	—	2	—	—	1	4
10.	tiles for roof . . . . . no.	322	382	482	375	16	19	307	331
11.	mosaic tiles . . . . . no.	131	483	4	21	—	—	92	341
12.	other floor tiles . . . . . no.	54	210	5	22	—	2	39	151
13.	asbestos sheets . . . . . sq. m.	2	139	6	56	—	2	3	107
14.	corrugated iron sheets . . . . . sq. m.	3	227	4	323	7	409	4	268
15.	iron and steel . . . . . quintal	6	3423	—	129	—	4	4	2415
16.	doors and windows (wooden) . . . . . no.	3	1445	1	282	1	219	2	1086
17.	doors and windows (iron) . . . . . no.	1	587	—	69	—	4	1	422
18.	mason . . . . . man-days	104	4452	15	513	2	80	76	3207
19.	carpenters . . . . . man-days	20	892	4	164	6	246	16	684
20.	plumber . . . . . man-days	3	142	—	7	—	—	2	100
21.	electrician . . . . . man-days	4	204	1	26	—	9	3	148
22.	others . . . . . man-days	15	422	3	71	4	93	11	319
23.	unskilled . . . . . man-days	180	3032	32	532	17	376	134	2259
24.	household labour . . . . . man-days	45	927	23	424	10	144	36	738

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ALL-INDIA										URBAN
sl. no.	source of finance	new building				all building				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies	320	30	448	302	192	15	215	175	
2.	government/local bodies	205	24	5	177	135	20	2	113	
employers :										
3.	government	358	32	—	307	228	19	—	190	
4.	public sector undertakings	359	87	—	313	232	41	—	195	
5.	private sector	81	16	1	70	59	27	3	52	
6.	others	47	16	9	42	39	39	7	37	
7.	sub-total (1—6)	1370	206	463	1210	885	160	227	761	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	482	43	2	444	318	29	1	264	
9.	co-operative bank/credit societies	884	214	29	771	617	120	15	522	
10.	commercial banks	1686	262	42	1458	1226	266	24	1038	
11.	provident fund	282	45	4	244	195	27	3	164	
12.	life insurance corporations	309	2	—	262	197	3	—	162	
13.	other insurance companies	34	5	—	29	22	2	—	19	
14.	money lenders	1034	665	807	987	735	468	596	697	
15.	sub-total (8—14)	4712	1235	885	4165	3310	915	639	2865	
<b>III. individuals</b>										
16.	friends and relatives	7025	671	231	6039	4303	485	183	3603	
17.	amount owned to contractor	371	11	9	317	223	5	4	184	
18.	others	430	157	54	382	286	142	37	253	
19.	sub-total (16—18)	7826	839	294	6738	4812	632	224	4040	
<b>IV. own sources :</b>										
20.	savings	10373	2661	1649	9147	7922	2492	1172	6863	
21.	pension, p-f, other annuation benefits	2407	145	53	2060	1608	140	36	1340	
22.	sale of assets	10486	653	81	8987	6234	385	50	5171	
23.	subsidy & grants	48	7	34	44	63	5	17	53	
24.	gifts	395	58	9	341	303	35	8	254	
25.	others	3186	1177	347	2832	2370	807	302	2057	
26.	sub-total (20—25)	26896	4701	2174	23391	18500	3863	1586	15737	
27.	total (7+15+19+26)	40805	6980	3815	35505	27508	5579	2676	23404	
estimated total finance in (000)		53906989	975701	362916	55245607	62842427	1644571	530423	65017421	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ANDHRA PRADESH		URBAN							
Sl. no.	source of finance	new building				old building			
		pucca	semi pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	130	—	—	100	72	—	—	49
2.	government /local bodies	282	—	—	216	165	48	—	120
<b>employer :</b>									
3.	government	409	7	—	314	229	3	—	157
4.	public sector undertakings	213	—	—	163	163	—	—	112
5.	private sector	10	33	—	11	28	18	—	22
6.	others	—	—	—	—	3	2	—	2
7.	sub-total (1—6)	1044	40	—	805	659	72	—	462
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	283	—	4	218	165	—	1	113
9.	co-operative bank/credit societies	537	68	7	421	403	27	2	280
10.	commercial banks	5141	181	99	3974	2980	116	47	2066
11.	provident fund	107	—	—	82	63	—	—	43
12.	life insurance corporations	1335	—	—	1023	746	—	—	511
13.	other insurance companies	5	—	—	4	3	—	—	2
14.	money lenders	2977	2416	751	2642	1954	1395	529	1623
15.	sub-total (8—14)	10384	2666	861	3364	6313	1539	579	4639
<b>III. individuals</b>									
16.	friends and relatives	4030	900	78	3200	2335	413	114	1676
17.	amount owned to contractor	4	—	—	3	2	—	—	1
18.	others	1052	359	185	875	617	253	63	468
19.	sub-total (16—18)	5096	1259	263	4079	2954	666	177	2146
<b>IV. own sources</b>									
20.	savings	12254	1493	462	9618	7723	1432	460	5569
21.	pension, p.f-other superannuation benefits	813	510	—	680	497	206	—	368
22.	sale of assets	3113	273	65	2425	1992	118	42	1389
23.	subsidy & grants	19	—	—	14	17	2	—	12
24.	gifts	284	—	—	218	156	—	—	107
25.	others	4777	2184	661	3986	3370	1297	471	2570
26.	sub-total (20—25)	21259	4460	1187	16941	13756	3055	973	10015
27.	total (7+15+19+26)	37783	8425	2311	30189	23682	5332	1730	17261
estimated total finance (in 000)		3676104	118729	35820	3830653	4190117	186574	80015	4456706

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION OF SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ASSAM

URBAN

sl. no.	source of finance	new building				all building			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing board/development bodies	705	—	—	415	575	—	—	247
2.	government/local bodies	63	—	—	37	52	—	—	22
	employers :—								
3.	government	—	—	—	—	230	—	—	99
4.	public sector undertaking	729	—	—	429	595	—	—	256
5.	private sector	—	109	—	21	—	41	—	13
6.	others	44	—	—	26	36	1906	—	602
7.	sub-total (1—6)	1540	109	—	927	1487	1947	—	1238
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	644	—	—	379	526	58	—	244
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	1750	65	—	1042	1429	6378	—	2576
11.	provident fund	534	740	—	459	436	280	—	273
12.	life insurance corporation	279	—	—	164	227	138	—	140
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	53	—	23	24	27	—	11	15
15.	sub-total (8 to 14)	3241	806	23	2069	2645	6854	11	3248
<b>III. individuals</b>									
16.	friends and relatives	1422	128	—	861	1279	76	40	584
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	625	745	—	513	510	377	11	338
19.	sub-total (16—18)	2047	873	—	1374	1790	453	51	922
<b>IV own sources</b>									
20.	savings	17408	7849	2394	12290	15335	10171	2435	10358
21.	pension, P. F., other superannuation benefits	724	35	—	433	777	282	18	425
22.	sale of assets	2694	1034	—	1786	2290	390	—	1104
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	9	17	—	9	8	6	—	5
25.	others	4115	3148	1161	3286	3922	1541	628	2324
26.	sub-total (20—25)	24950	12083	3556	17804	22331	12390	3081	14216
27.	total (7+15+19+26)	31779	13870	3578	22174	28254	21644	3144	19624
estimated total finance (in 000)		152855	22059	6344	181295	166500	91294	11326	269121



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

BIHAR		URBAN							
sl. no.	source of finance	new building				all building			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	43	—	—	27	25	—	—	17
2.	government/local bodies	—	—	—	—	13	—	—	9
	employer :—								
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	348	—	61	—	237	—	39
5.	private sector	8	—	—	5	13	—	—	9
6.	others	12	—	—	8	7	—	—	5
7.	sub-total (1—6)	63	348	—	101	58	237	—	79
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	61	26	—	43	251	18	—	175
9.	co-operative bank/credit societies	930	15	—	588	592	10	—	407
10.	commercial banks	1509	59	—	961	1006	40	—	696
11.	provident fund	456	79	—	301	312	54	—	223
12.	life insurance corporation	352	—	—	222	227	—	—	156
13.	other insurance companies	8	—	—	5	7	—	—	5
14.	money lenders	242	182	54	195	169	124	58	145
15.	sub-total (8—14)	3558	361	54	2315	2563	246	58	1806
<b>III. individuals</b>									
16.	friends and relatives	1722	306	53	1148	1148	341	43	849
17.	amount owed to contractor	88	—	—	55	51	—	—	35
18.	others	204	50	22	141	127	46	30	99
19.	sub-total (16—18)	2013	356	75	1344	1326	386	74	983
<b>IV. own sources</b>									
20.	savings	14294	3130	405	9629	10839	2957	485	7986
21.	pension, p.f. other superannuation benefits	1573	36	—	997	1161	160	41	828
22.	sale of assets	2273	1314	37	1669	1381	960	37	1109
23.	subsidy & grants	60	—	—	38	35	—	—	24
24.	gifts	282	—	—	177	167	—	—	115
25.	others	2507	694	478	1794	1647	528	456	1284
26.	sub-total (20+25)	20989	5175	920	14304	15230	4606	1020	11345
27.	total(7+15+19+26)	26623	6241	1049	18063	19178	5475	1152	14213
estimate total finance (in 000)		1194861	77978	14576	1287414	1471325	100458	19455	1591238

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

GUJARAT		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	—	—	—	—	—	—	—	—
2.	government /local bodies employer :—	48	—	66	46	17	—	53	16
3.	government . . . . .	241	—	—	222	83	—	—	78
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	—	—	—	—	19	—	—	18
6.	others . . . . .	—	—	—	—	—	—	—	—
7.	sub-total (1—6) . . . . .	290	—	66	268	118	—	53	112
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	295	—	—	272	128	—	—	120
9.	co-operative bank/credit societies . . . . .	2266	—	—	2086	821	—	—	774
10.	commercial banks . . . . .	1690	—	—	1556	601	—	—	566
11.	provident fund . . . . .	143	—	—	132	49	—	—	46
12.	life insurance corporation . . . . .	—	—	—	—	—	—	—	..
13.	other insurance companies . . . . .	—	—	—	—	—	—	—	..
14.	money lenders . . . . .	12	—	—	11	4	6	—	4
15.	sub-total (8—14) . . . . .	4408	—	—	4057	1604	6	—	1511
<b>III. individuals</b>									
16.	friends and relatives . . . . .	3754	111	—	3471	1542	63	—	1455
17.	amount owned to contractor . . . . .	26	644	—	80	15	268	—	27
18.	others . . . . .	449	—	—	413	162	—	—	153
19.	sub-total (16—18) . . . . .	4238	755	—	3944	1719	331	—	1635
<b>IV. own sources</b>									
20.	savings . . . . .	15992	782	1630	14803	8873	1070	1598	8425
21.	pension, p-f, other superannuation benefits . . . . .	1247	—	—	1148	575	—	—	542
22.	sale of assets . . . . .	1814	—	—	1669	627	—	—	591
23.	subsidy & grants . . . . .	37	—	—	34	16	—	—	15
24.	gifts . . . . .	112	—	—	103	181	—	—	170
25.	others . . . . .	4547	1686	—	4281	1778	825	—	1714
26.	sub-total (20—25) . . . . .	23749	2467	1630	22038	12050	1895	1598	11457
27.	total (7+15+19+20) . . . . .	32684	3222	1696	30308	15491	2233	1650	14715
estimated total finance (in 000) . . . . .		1220889	7424	1562	1229875	1684129	12369	1921	1698420

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

HARYANA		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	..	..	..	..	..	..	..	..
2.	government/local bodies . . . . .	2	..	..	1	..	..	..	..
	employer :—								
3.	government . . . . .	125	..	..	124	39	..	..	38
4.	public sector undertakings . . . . .	1231	..	..	1217	384	..	..	375
5.	private sector . . . . .	267	..	..	284	95	..	..	93
6.	others . . . . .	..	..	..	..	..	..	..	..
7.	sub-total (1—6) . . . . .	1625	..	..	1607	518	..	..	507
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	..	..	..	..	308	..	..	301
9.	co-operative bank/credit societies . . . . .	5859	..	..	5795	1959	..	..	1917
10.	commercial banks . . . . .	66	..	..	66	1033	..	..	141
11.	provident fund . . . . .	465	..	..	460	152	..	..	148
12.	life insurance corporations . . . . .	1197	..	..	1184	373	..	..	365
13.	other insurance companies . . . . .	..	..	..	..	..	..	..	..
14.	money lenders . . . . .	1169	..	..	1157	616	1307	..	627
15.	sub-total (8—14) . . . . .	8756	..	..	8660	4441	1307	..	4370
<b>III. individuals</b>									
16.	friends and relatives . . . . .	2110	..	..	2087	1265	252	255	1243
17.	amount owned to contractor . . . . .	193	..	..	191	60	..	..	59
18.	others . . . . .	408	..	..	403	175	..	..	171
19.	sub-total (16—18) . . . . .	2711	..	..	2682	1499	252	255	1473
<b>IV. own sources</b>									
20.	savings . . . . .	8625	2373	..	8556	4635	2048	496	4575
21.	pension, p-f, other annuation benefits . . . . .	2385	..	..	2359	967	..	..	946
22.	sale of assets . . . . .	7071	..	..	6993	2735	..	..	2677
23.	subsidy & grants . . . . .	297	..	..	294	97	..	..	95
24.	gifts . . . . .	414	..	..	410	235	..	..	230
25.	others . . . . .	6068	499	..	6007	2760	174	138	2705
26.	sub-total (20—25) . . . . .	24859	2873	..	24619	11429	2222	634	11228
27.	total (7+15+19+20) . . . . .	37951	2873	..	37568	17888	3781	889	17577
estimated total finance (in 000)		924903	773	..	925676	1398710	5550	214	1404475

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

HIMACHAL PRADESH										URBAN
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies . . . . .	430	..	..	391	298	..	..	264	
2.	government/local bodies employer :-	1338	..	..	1218	929	..	..	823	
3.	government . . . . .	2817	..	..	2563	1993	..	..	1766	
4.	public sector undertakings . . . . .	2187	..	..	1990	1518	..	..	1345	
5.	private sector . . . . .	..	..	..	..	..	..	..	..	
6.	others . . . . .	20	..	..	18	14	..	..	12	
7.	sub-total (1—6) . . . . .	6792	..	..	6180	4751	..	..	4210	
<b>II. financial institutions</b>										
8.	co-operative housing finance agents . . . . .	15	..	..	14	11	..	..	9	
9.	co-operative bank/credit societies . . . . .	755	..	..	687	619	..	..	548	
10.	commercial banks . . . . .	1804	..	..	1641	1297	..	..	1150	
11.	provident fund . . . . .	224	..	..	204	155	..	..	178	
12.	life insurance corporations . . . . .	68	..	..	62	47	..	..	42	
13.	other insurance companies . . . . .	78	..	..	71	54	..	..	48	
14.	money lenders . . . . .	85	..	..	77	59	..	..	52	
15.	sub-total (8—14) . . . . .	3029	..	..	2756	2242	..	..	1987	
<b>III. individuals</b>										
16.	friends and relatives . . . . .	3082	5373	..	3211	2467	3248	..	2516	
17.	amount owned to contractor . . . . .	36	..	..	33	25	..	..	22	
18.	others . . . . .	659	..	..	600	457	..	..	405	
19.	sub-total (16—18) . . . . .	3777	5373	..	3843	2949	3248	..	2943	
<b>IV. own sources</b>										
20.	savings . . . . .	16924	6274	5202	15949	13971	4423	4434	12883	
21.	pension, p-f, other annuation benefits . . . . .	2643	..	..	2405	2398	145	..	2139	
22.	sale of assets . . . . .	122	..	..	111	162	..	..	143	
23.	subsidy & grants . . . . .	11	..	..	10	13	..	..	11	
24.	gifts . . . . .	3	..	..	3	5	..	..	5	
25.	others . . . . .	199	397	..	211	138	225	..	145	
26.	sub-total (20—25) . . . . .	19901	6671	5202	18688	16686	4792	4434	15326	
27.	total (7+15+19+26) . . . . .	33500	12044	5202	31467	26629	8039	4434	24467	
estimated total finance (in 000)		112258	3360	276	115894	128617	4454	297	133368	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

JAMMU & KASHMIR		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	197	..	..	171	67	..	..	60
2.	government/local bodies employer :-	78	..	..	68	27	..	..	24
3.	government . . . . .	182	..	..	158	100	..	..	90
4.	public sector undertakings . . . . .	..	..	..	..	..	..	..	..
5.	private sector . . . . .	106	..	..	92	65	..	..	58
6.	others . . . . .	1319	..	..	1145	489	..	..	436
7.	sub-total (1—6) . . . . .	1881	..	..	1633	749	..	..	668
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	116	..	..	100	40	..	..	35
9.	co-operative bank/credit societies . . . . .	..	..	..	..	..	..	..	..
10.	commercial banks . . . . .	4278	..	..	3714	3677	..	..	3283
11.	provident fund . . . . .	568	..	..	493	218	79	..	202
12.	life insurance corporation . . . . .	3	..	..	3	1	..	..	1
13.	other insurance companies . . . . .	..	..	..	..	11	..	..	10
14.	money lenders . . . . .	50	13	1372	66	1106	6	487	995
15.	sub-total (8—14) . . . . .	5014	13	1372	4376	5053	84	487	4526
<b>III. individuals</b>									
16.	friends and relatives . . . . .	2853	4403	219	2993	2049	2766	232	2067
17.	amount owned to contractor . . . . .	49	..	..	42	19	..	..	17
18.	others . . . . .	313	6	..	272	126	24	..	115
19.	sub-total (16—18) . . . . .	3214	4409	219	3307	2194	2789	232	2219
<b>IV. own sources</b>									
20.	savings . . . . .	37560	5169	51	33211	17346	4260	1049	15892
21.	pension, p.f., other annua-tion benefits . . . . .	755	..	..	656	672	4	..	600
22.	sale of assets . . . . .	9513	3415	..	8657	3722	1743	..	3482
23.	subsidy & grants . . . . .	544	52	686	489	964	23	313	868
24.	gifts . . . . .	153	..	393	139	117	..	139	107
25.	others . . . . .	2331	1369	1740	2210	2028	1161	1173	1935
26.	sub-total (20—25) . . . . .	50586	10006	2870	45361	24849	7192	2675	22884
27.	total (7+15+19 26) . . . . .	60966	14427	4461	54678	32846	10065	3394	30299
estimated total finance (in 000) . . . . .		427677	13562	558	441796	671565	21198	1195	693958

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

KARNATAKA										URBAN
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies . . . . .	252	..	..	207	173	..	..	129	
2.	government/local bodies employer :-	415	..	..	340	292	..	..	217	
3.	government . . . . .	1554	162	..	1297	1222	107	..	931	
4.	public sector undertakings . . . . .	508	..	..	416	348	..	..	259	
5.	private sector . . . . .	5	..	..	4	4	..	..	3	
6.	others . . . . .	143	26	..	121	98	60	..	85	
7.	sub-total (1—6) . . . . .	2877	188	..	2385	2136	166	..	1623	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies . . . . .	1381	..	..	1131	963	..	..	716	
9.	co-operative bank/credit societies . . . . .	1103	660	174	1006	775	290	76	640	
10.	commercial banks . . . . .	4295	909	65	3653	3325	450	28	2575	
11.	provident fund . . . . .	360	..	11	295	296	3	5	221	
12.	life insurance corporations . . . . .	144	..	..	118	98	..	..	73	
13.	other insurance companies . . . . .	5	..	..	4	43	..	..	32	
14.	money lenders . . . . .	4905	219	272	4061	3572	134	129	2691	
15.	sub-total (8—14) . . . . .	12193	1787	522	10268	9071	917	238	6947	
<b>III. individuals</b>										
16.	friends and relatives . . . . .	4431	2376	183	3981	3240	1267	356	2688	
17.	amount owned to contractor . . . . .	4063	..	..	3329	2784	..	..	2070	
18.	others . . . . .	240	16	113	203	166	25	49	131	
19.	sub-total (16—18) . . . . .	8734	2392	295	7513	6190	1291	405	4859	
<b>IV. own sources</b>										
20.	savings . . . . .	16187	4330	839	3919	14059	2716	1050	11067	
21.	pension, p.f., other annuation benefits . . . . .	917	555	..	832	747	303	8	618	
22.	sale of assets . . . . .	2240	570	87	1921	1676	293	59	1310	
23.	subsidy & grants . . . . .	538	..	..	441	764	..	..	568	
24.	gifts . . . . .	1942	..	..	1591	1700	3	..	1265	
25.	others . . . . .	1070	355	117	932	815	348	293	692	
26.	sub-total (20—25) . . . . .	22893	5811	1044	19636	19760	3663	1411	15520	
27.	total (7+15+19+26) . . . . .	46697	10178	1861	39802	3715	6038	2053	28979	
estimated total finance (in 000) . . . . .		2496820	96121	4361	2597302	2899685	129718	11086	3040450	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

KERALA		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	1612	78	..	1400	1174	44	..	1017
2.	government/local bodies employer :-	409	260	70	376	299	167	62	275
3.	government . . . . .	983	..	..	850	721	..	..	622
4.	public sector undertakings . . . . .	185	1354	..	249	233	758	..	264
5.	private sector . . . . .	94	..	..	82	67	..	..	58
6.	others . . . . .	205	..	..	177	219	..	..	189
7.	sub-total(1-6) . . . . .	3488	1692	70	3134	2712	969	62	2424
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	510	..	..	442	364	..	..	314
9.	co-operative bank/credit societies . . . . .	2071	937	75	1859	1526	716	66	1380
10.	commercial banks . . . . .	2716	2116	98	2496	2118	1500	87	1957
11.	provident fund . . . . .	750	..	..	649	582	29	..	505
12.	life insurance corporations . . . . .	120	..	..	104	99	..	..	85
13.	other insurance companies . . . . .	52	..	..	45	36	..	..	31
14.	money lenders . . . . .	374	529	132	367	326	381	149	321
15.	sub-total(8-14) . . . . .	6593	3582	306	5962	5052	2626	303	4594
<b>III. individuals</b>									
16.	friends and relatives . . . . .	1805	479	310	1615	1421	500	290	1283
17.	amount owned to contractor . . . . .	8	—	—	7	3	—	—	5
18.	others . . . . .	85	31	18	77	79	57	16	73
19.	sub-total (16—18) . . . . .	1898	511	327	1698	1506	557	306	1362
<b>IV. own sources</b>									
20.	savings . . . . .	10864	1175	1294	9566	8705	1436	1205	7697
21.	pension, p. f., other ann uation benefits . . . . .	864	146	—	757	933	395	—	848
22.	sale of assets . . . . .	5205	2497	658	4713	3908	1428	582	3523
23.	subsidy & grants . . . . .	19	—	—	16	15	—	—	13
24.	gifts . . . . .	914	252	61	811	687	330	45	622
25.	others . . . . .	3141	1194	247	2813	2521	793	218	2254
26.	sub-total(20—25) . . . . .	21007	5264	2250	18678	16769	4381	2050	14947
27.	total (7+15+19+26) . . . . .	32986	11049	2953	29473	26039	8534	2720	23327
estimated total finance (in 000) . . . . .		2417058	61855	17184	2496096	2721015	85286	17900	2824201

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## MADHYA PRADESH

## URBAN

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions :</b>									
1.	housing boards/development bodies	140		—	99	84	—	—	59
2.	government /local bodies employers	45	8	—	34	27	4	—	20
3.	government	133	—	—	94	80	—	—	56
4.	public sector undertakings	6	—	—	4	114	—	—	80
5.	private sector	345	—	—	243	207	12	—	148
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	668	8	—	474	513	16	—	363
<b>II. financial institutions :</b>									
8.	co-operative housing finance agencies	—	33	—	8	—	18	—	4
9.	co-operative bank/credit societies	294	—	—	207	177	9	—	126
10.	commercial banks	388	77	—	292	237	43	—	176
11.	provident fund	144	10	—	104	105	6	—	75
12.	life insurance corporations	3439	—	—	2429	2069	—	—	1449
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	385	272	1088	406	315	170	830	307
15.	sub-total (8—14)	4650	393	1088	3446	2902	245	830	2137
<b>III. Individuals</b>									
16.	friends and relatives	1480	636	553	1227	939	404	407	779
17.	amount owned to contractor	5236	—	—	3698	3150	5	—	2207
18.	others	168	1	—	119	103	—	—	72
19.	sub-total (16—18)	6884	637	553	5044	4192	409	407	3058
<b>IV. own sources :</b>									
20.	savings	15175	3427	1959	11628	10968	2505	1672	8387
21.	pension, p. f., other annuation benefits	1889	29	—	1341	1568	31	—	1106
22.	sale of assets	2790	114	—	1997	1834	234	—	1342
23.	subsidy & grants	—	—	—	—	—	—	—	15
24.	gifts	274	—	—	179	156	—	—	109
25.	others	6231	585	—	3434	4356	560	13	3189
26.	sub-total (20—25)	26340	4154	1959	19679	18902	3330	1685	14148
27.	total (7+15+19+26)	38542	5192	3600	28642	26509	4001	2922	19706
estimated total finance (in 000)		1536090	66604	13471	1616166	1756036	93052	14856	1863944



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

MAHARASHTRA

URBAN

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions :</b>									
1.	housing boards/development bodies	1129	75	—	986	651	37	—	556
2.	government/local bodies employers :	87	—	—	75	51	—	—	43
3.	government . . . . .	147	93	—	137	93	46	—	84
4.	public sector undertakings . . . . .	1647	—	—	1426	980	—	—	830
5.	private sector . . . . .	340	91	—	304	251	50	—	219
6.	others . . . . .	—	—	—	—	—	1	—	46
7.	sub-total (1—6) . . . . .	3349	258	—	2928	2080	134	—	1779
<b>II. financial institutions:</b>									
8.	co-operative housing finance agencies	1461	13	—	1266	908	73	—	779
9.	co-operative bank/credit societies . . . . .	2835	735	—	2537	1959	373	29	1706
10.	commercial banks . . . . .	3816	55	369	3318	2254	32	155	1918
11.	provident fund . . . . .	655	125	—	581	410	63	—	355
12.	life insurance corporations . . . . .	140	21	—	123	208	10	—	178
13.	other insurance companies . . . . .	253	—	—	219	143	—	—	112
14.	money lenders . . . . .	294	528	—	314	278	290	16	272
15.	sub-total (8—14) . . . . .	9454	1477	369	8358	6161	841	199	5329
<b>III. individuals</b>									
16.	friends and relatives . . . . .	34569	801	1038	37829	25087	644	437	21346
17.	amount owned to contractor . . . . .	259	—	255	230	151	—	107	131
18.	others . . . . .	2218	42	14	1925	1355	35	6	1153
19.	sub-total (16—18) . . . . .	46046	843	1308	39984	26593	679	550	22630
<b>IV. own sources :</b>									
20.	savings . . . . .	17510	3126	1548	15543	11526	2524	1526	10122
21.	pension, p. f, other annuation, benefits	3530	149	—	3072	2275	166	—	1948
22.	sale of assets . . . . .	79078	47	—	68460	44815	51	—	37974
23.	subsidy & grants . . . . .	15	—	—	13	61	—	—	52
24.	gifts . . . . .	145	7	—	126	148	—	—	127
25.	others . . . . .	4716	1084	46	4206	2945	780	138	2595
26.	sub-total (20—25) . . . . .	104994	4413	1593	91420	67170	3534	1664	52818
27.	total (7+15+19+26) . . . . .	163844	7991	3270	152690	96604	5188	2414	82556
estimated total finance (in 000)		21079062	116778	10668	21206508	21986565	172734	18713	22178011

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

MANIPUR		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	47	—	80195	13091	44	—	77566	12039
2.	government/local bodies employer:—	53	—	—	36	49	—	—	34
3.	government	62	—	—	43	57	—	—	39
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	1298	211	—	—	1256	194
7.	sub-total (1—6)	162	—	81493	13382	151	—	78822	12306
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	5793	—	—	4006	5403	—	—	3684
11.	provident fund	31	—	—	21	29	—	—	20
12.	life insurance corporations	92	—	—	64	86	—	—	59
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	677	525	80844	13709	631	431	78193	12607
15.	sub-total (8—14)	6593	525	80844	17800	6149	431	78193	16369
<b>III. individuals</b>									
16.	friends and relatives	3511	959	193	2599	3591	902	186	2488
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	9	—	—	6	17	—	—	12
19.	sub-total (16—18)	3520	959	193	2605	3408	902	186	2500
<b>IV. own sources</b>									
20.	savings	27072	22465	143145	41152	20500	20104	138576	38716
21.	pension, p.f., other annuation benefits	121	—	—	84	199	22	—	139
22.	sale of assets	132	869	87	232	123	798	84	227
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	117	705	—	96	109	86	—	88
25.	others	2625	2102	1058	2294	2590	2150	1023	2276
26.	sub-total (20—25)	24066	25541	144290	43857	23522	23159	139683	41447
27.	total (7+15+19+26)	34341	27026	306820	77644	33229	24492	296884	72622
estimated total finance (in 000)		77439	12837	162921	253198	80348	14181	162989	257519

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

MEGHALAYA		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer	342	—	—	323	279	—	—	242
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	342	—	—	323	279	—	—	242
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
17.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	—	—	—	—	—	—	—	—
<b>III. individuals</b>									
16.	friends and relatives	2763	—	—	2612	2298	—	—	1999
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	6606	—	359	—	2068	—	269
19.	sub-total (16—18)	2763	6606	—	2972	2298	2068	—	2268
<b>IV. own sources</b>									
20.	savings	47806	8993	—	45695	41904	6851	—	37339
21.	pension, provident fund, other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	76	—	—	72	62	—	—	54
23.	subsidy & grants	22	—	—	20	18	—	—	15
24.	gifts	33200	—	—	31395	27062	—	—	23537
25.	others	2991	—	—	2828	2438	—	—	2120
26.	sub-total (20—25)	84094	8993	—	80010	71483	6851	—	63065
27.	total (7+15+19+26)	87199	15599	—	83305	74060	8919	—	65576
estimated total finance (in 000)		54586	562	—	55148	56878	1026	—	57904

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

NAGALAND										URBAN
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies	—	—	—	—	—	—	—	—	
2.	government/local bodies	—	—	—	—	—	—	—	—	
<b>employer:</b>										
3.	government	—	—	—	—	—	—	—	—	
4.	public sector undertakings	—	—	—	—	—	—	—	—	
5.	private sector	—	—	—	—	—	—	—	—	
6.	others	—	—	—	—	—	—	—	—	
7.	sub-total (1—6)	—	—	—	—	—	—	—	—	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—	
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—	
10.	commercial banks	—	—	—	—	—	—	—	—	
11.	provident fund	—	—	—	—	—	—	—	—	
12.	life insurance corporations	—	—	—	—	—	—	—	—	
13.	other insurance companies	—	—	—	—	—	—	—	—	
14.	money lenders	14671	—	—	10851	13889	—	—	10417	
15.	sub-total (8—14)	14671	—	—	10851	13889	—	—	10417	
<b>III. individuals</b>										
16.	friends and relatives	9647	—	—	7135	9133	—	—	6850	
17.	amount owned to contractor	—	—	—	—	—	—	—	—	
18.	others	—	—	4000	347	—	—	4000	333	
19.	sub-total (16—18)	9647	—	4000	7482	9133	—	4000	7183	
<b>IV. Own sources</b>										
20.	savings	83794	5293	6000	63413	79325	5293	6000	60876	
21.	pension, p.f. other annuation benefits	—	—	—	—	—	—	—	—	
22.	sale of assets	5399	—	—	3993	5111	—	—	3833	
23.	subsidy & grants	—	—	—	—	—	—	—	—	
24.	gifts	—	—	—	—	—	—	—	—	
25.	others	3536	1250	—	2832	3403	1250	—	2760	
26.	sub-total (20—25)	92729	6543	6000	70238	87839	6543	6000	67470	
27.	total (7+15+19+26)	117048	6543	10000	88571	110861	6543	10000	85069	
estimated total finance (in 000)		24931	327	250	25508	24944	327	250	25521	

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ORISSA		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	98	332	—	66	58	277	—	113
2.	government/local bodies employer	870	—	—	484	515	—	—	329
3.	government	521	—	—	290	477	—	—	305
4.	public sector undertakings	—	—	—	—	53	—	—	34
5.	private sector	47	—	17	28	61	—	14	40
6.	others	—	—	23	2	—	—	19	2
7.	sub-total (1—6)	1535	332	39	969	1164	277	33	822
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	1052	—	—	585	629	—	—	401
9.	co-operative bank/credit societies	1206	22	—	678	714	18	—	461
10.	commercial banks	4159	170	—	2370	2517	460	—	1732
11.	provident fund	371	23	—	214	234	19	—	155
12.	life insurance corporations	52	—	—	29	31	—	—	20
13.	other insurance companies	52	—	—	29	31	—	—	20
14.	money lenders	350	3	72	203	214	2	60	143
15.	sub-total (8—14)	7241	217	72	4108	4371	500	60	2932
<b>III. individuals</b>									
16.	friends and relatives	1470	278	263	939	927	252	385	695
17.	amount owned to contractor	134	—	—	75	80	—	—	51
18.	others	50	—	11	29	29	—	32	22
19.	sub-total (16—18)	1654	278	274	1043	1036	252	417	767
<b>IV. own sources</b>									
20.	savings	6801	931	941	4197	5883	10531	1022	6719
21.	pension, provident fund, other annuation benefits	879	—	—	489	2300	9	—	1471
22.	sale of assets	1468	—	109	828	1298	1145	119	1151
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	523	—	23	294	333	—	19	214
25.	others	2007	2750	314	2072	1701	2341	342	1755
26.	sub-total (20—25)	11678	3680	1388	7880	11515	14026	1502	11310
27.	total (7+15+19+26)	22109	4508	1773	14001	18086	15055	2011	15831
estimated total finance (in 000)		262747	32271	4119	299138	362715	129036	5613	497364

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

PUNJAB		URBAN							
sl. No.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial Institutions</b>									
1.	housing boards/development bodies	2349	—	—	2154	727	—	—	668
2.	government/local bodies employer	283	—	—	259	87	—	—	80
3.	government	218	—	—	200	67	—	—	62
4.	public sector undertakings	465	—	—	426	165	—	—	152
5.	private sector	8	—	—	8	40	—	—	36
6.	others	2	—	—	2	5	7	15	6
7.	sub-total (1—6)	3325	—	—	3048	1092	7	15	1004
<b>II. financial institutions</b>									
8.	co-operative hsg. finance agencies	1058	—	—	970	382	—	—	351
9.	co-operative bank/credit societies	243	—	—	223	82	5	—	76
10.	commercial banks	2370	—	—	2173	798	—	—	733
11.	provident fund	48	100	—	50	25	28	—	24
12.	life insurance companies	65	—	—	60	20	—	—	19
13.	other insurance corporations	—	—	—	—	—	—	—	—
14.	money lenders	359	361	145	353	189	355	67	197
15.	sub-total (8—14)	4144	461	145	3828	1496	388	67	1399
<b>III. individuals</b>									
16.	friends and relatives	3712	983	65	3458	1835	519	69	1719
17.	amount owned to contractor	92	—	—	84	33	—	—	30
18.	others	170	—	—	156	87	—	—	80
19.	sub-total (16—18)	3974	983	65	3698	1955	519	69	1829
<b>IV. own sources</b>									
20.	savings	10661	533	309	9811	5959	617	475	5521
21.	pension, provident fund, other annu- ation benefits	1116	—	—	1023	543	—	—	499
22.	sale of assets	4772	120	—	4382	1769	163	—	1635
23.	subsidy & grants	39	—	71	38	19	28	31	20
24.	gifts	232	80	—	217	141	22	—	131
25.	others	4613	894	400	4289	2760	812	451	2594
26.	sub-total (20—25)	21434	1628	779	19760	11191	1643	957	10400
27.	total (7+15+19+26)	32902	3073	989	30357	15743	2558	1108	14640
estimated total finance (in 000)		1118359	6204	1057	1125620	1728472	18539	2743	1749753

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

RAJASTHAN :

URBAN

Sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/ development bodies .	—	—	—	—	5	—	—	5
2.	government/local bodies . . . . .	6	—	—	6	5	—	—	5
<b>employer</b>									
3.	government . . . . .	26	—	—	26	38	—	—	37
4.	public sector undertakings . . . . .	—	—	—	—	18	—	—	18
5.	private sector . . . . .	—	—	—	—	—	—	—	—
6.	others . . . . .	14	—	—	14	10	—	—	10
7.	sub-total (1—6) . . . . .	46	—	—	46	77	—	—	74
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies . . . . .	358	—	—	357	271	—	—	262
10.	commercial banks . . . . .	427	—	—	426	1407	—	—	1361
11.	provident fund . . . . .	24	—	—	24	47	—	—	45
12.	life insurance corporations . . . . .	3	—	—	3	17	—	—	17
13.	other insurance companies . . . . .	4	—	—	4	16	—	—	16
14.	money lenders . . . . .	107	—	—	106	217	4	801	221
15.	sub-total (8—14) . . . . .	923	—	—	920	1976	4	801	1923
<b>III. individuals</b>									
16.	friends and relatives . . . . .	7072	—	—	7051	5291	436	201	5129
17.	amount owned to contractor . . . . .	—	—	—	—	14	—	—	14
18.	others . . . . .	5	—	—	5	40	24	77	40
19.	sub-total (16—18) . . . . .	7077	—	—	7056	5345	460	278	5183
<b>IV. own sources</b>									
20.	savings . . . . .	663	1624	—	666	1518	2630	216	1520
21.	pension, provident fund, other annuation benefits . . . . .	7809	—	—	—	5734	288	178	5555
22.	sale of assets . . . . .	182	—	—	—	192	—	—	186
23.	subsidy & grants . . . . .	—	—	—	—	4	—	—	4
24.	gifts . . . . .	7	—	—	7	5	—	—	5
25.	others . . . . .	8302	1790	3227	8283	6481	3245	235	6333
26.	sub-total (20—25) . . . . .	16964	3414	3227	16923	13934	6164	630	13603
27.	total (7+15+19+26) . . . . .	25011	3414	3227	24945	21332	6627	1709	20783
estimated total finance(in 000) . . . . .		3519088	1325	139	3520551	4162670	24667	4875	4192212

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

SIKKIM :

URBAN

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/ credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	11566	—	—	11566	6524	—	—	6524
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total(8—14)	11566	—	—	11566	6524	—	—	6524
<b>III. individuals</b>									
16.	friends and relatives	—	—	—	—	15169	—	—	15169
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	—	—	—	—	15169	—	—	15169
<b>IV. own sources</b>									
20.	savings	47775	—	—	47775	58193	—	—	58193
21.	pension, provident fund, other annuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	—	—	—	—	—	—	—	—
26.	sub-total (20—25)	47775	—	—	47775	58193	—	—	58193
27.	total (7+15+19+26)	59340	—	—	59340	79887	—	—	79887
estimated total finance (in 000)		1305	—	—	1305	3116	—	—	3116



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

TAMILNADU		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	42	—	—	38	49	—	—	40
2.	government /local bodies	118	—	—	106	101	11	—	83
	employer :								
3.	government	188	36	—	170	153	13	—	126
4.	public sector undertakings	114	—	—	102	94	—	—	77
5.	private sector	7	1	3	6	6	4	8	6
6.	others	32	99	—	33	29	37	9	27
7.	sub-total (1-6)	501	136	3	456	433	64	17	360
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	509	159	4	464	427	59	2	354
9.	co-operative bank/credit societies	212	174	61	201	282	91	28	241
10.	commercial banks	554	288	14	510	548	123	7	459
11.	provident fund	99	43	13	91	90	28	6	76
12.	life insurance corporations	67	—	—	60	61	—	—	50
13.	other insurance companies	1	32	—	2	1	12	—	2
14.	money lenders	1316	1664	507	1282	1241	992	622	1159
15.	sub-total (8-14)	2757	2360	601	2610	2650	1306	664	2340
<b>III. individuals</b>									
16.	friends and relatives	2321	480	358	2124	1999	330	207	1681
17.	amount owned to contractor	11	—	—	10	10	—	—	8
18.	others	67	388	29	78	77	300	37	92
19.	sub-total (16-18)	2398	868	387	2212	2086	630	243	1781
<b>IV. own sources</b>									
20.	savings	7339	2096	911	6729	6643	1414	760	5620
21.	pension, p.f., other annuation benefits	1675	—	168	1513	1416	22	87	1167
22.	sale of assets	3722	1140	34	3390	3136	457	21	2603
23.	subsidy and grants	—	—	—	—	—	—	—	—
24.	gifts	229	31	11	208	232	12	6	191
25.	others	576	1167	138	575	656	559	118	595
26.	sub-total (20-25)	13542	4433	1262	12416	12083	2466	992	10176
27.	total (7+15+19+26)	19198	7797	2253	17693	17251	4466	1916	14658
estimated total finance (in 000)		8379006	161076	65985	8606066	9214669	248706	122955	9586330

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

TRIPURA		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions.</b>									
1.	housing boards/development bodies	—	—	—	—	—	109	—	28
2.	government/local bodies	3175	—	—	2141	2703	—	—	1126
3.	government	110	—	—	74	85	—	—	35
4.	public sector undertakings	35	—	—	24	27	—	—	11
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1-6)	3321	—	—	2239	2815	109	—	1200
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	398	—	—	268	309	—	—	129
9.	cooperative bank /credit societies	45	—	—	30	35	—	—	14
10.	commercial banks	534	—	—	360	414	—	—	173
11.	provident fund	439	335	—	372	442	388	34	294
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	271	—	—	183	210	—	—	87
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8-14)	1687	335	—	1213	1410	388	34	697
<b>III. individuals</b>									
16.	friends and relatives	1065	493	667	896	1007	321	406	634
17.	amount owned to contractor	45	—	—	30	35	—	—	14
18.	others	67	162	190	101	212	69	104	140
19.	sub-total (16-18)	1177	655	857	1027	1254	390	509	789
<b>IV. own sources</b>									
20.	savings	18834	8013	1462	14657	17397	5256	1159	8966
21.	pension, p.f., other annuities	1760	2077	585	1716	1366	1230	85	910
22.	sale of assets	3693	2818	292	3157	3200	1299	110	1700
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	79	—	—	53	61	—	—	26
25.	others	2885	1930	107	2393	2395	1156	38	1305
26.	sub-total (20-25)	27252	14839	2446	21977	24419	8942	1391	12906
27.	total (7+15+19+26)	33437	15829	3303	26455	29898	9829	1934	15593
estimated total finance (in 000)		53600	8532	779	62911	61770	12433	3153	77357

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION.

UTTAR PRADESH :

URBAN

sl. no.	source of finance	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies.	2	—	—	2	1	—	—	1
2.	government/local bodies . . . . .	—	—	—	—	14	—	—	12
<b>3 employer ;</b>									
3.	government . . . . .	1224	—	—	1019	370	—	—	318
4.	public sector undertakings . . . . .	349	31	—	295	102	13	—	89
5.	private sector . . . . .	93	—	—	78	27	217	—	44
6.	others . . . . .	188	—	—	156	60	—	—	51
7.	sub-total (1-6) . . . . .	1857	31	—	1550	573	230	—	514
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	22	—	—	18	6	—	—	5
9.	co-operative bank/credit societies . . . . .	208	—	—	173	64	69	—	61
10.	commercial banks . . . . .	917	—	—	763	320	213	—	295
11.	provident fund . . . . .	437	—	—	364	189	—	—	163
12.	life insurance corporation . . . . .	145	—	—	121	42	—	—	36
13.	other insurance companies . . . . .	—	—	—	—	—	—	—	—
14.	money lenders . . . . .	203	256	25	202	135	135	14	129
15.	sub-total (8-14) . . . . .	1932	256	25	1641	756	417	14	691
<b>III. individuals</b>									
16.	friends and relatives . . . . .	1923	529	54	1669	868	677	40	812
17.	amount owned to contractor . . . . .	14	—	—	11	4	—	—	4
18.	others . . . . .	155	100	—	141	80	45	7	73
19.	sub-total (16-18) . . . . .	2092	629	54	1822	952	722	47	889
<b>IV. own sources</b>									
20.	savings . . . . .	13082	1033	404	11037	6776	1755	529	6022
21.	pension. p.f., other annuation benefits . . . . .	1319	—	—	1098	679	214	—	604
22.	sale of assets . . . . .	2081	286	254	1779	705	115	73	621
23.	subsidy & grants . . . . .	178	—	—	149	52	—	—	45
24.	gifts . . . . .	338	40	48	289	137	16	14	120
25.	others . . . . .	4388	1197	781	3835	2851	765	699	2558
26.	sub-total (20-25) . . . . .	21386	2555	1488	18185	11199	2865	1314	9970
27.	total (7+15+19+26) . . . . .	27267	3472	1566	23198	13480	4234	1375	12064
estimated total finance (in 000) . . . . .		1648773	31232	4967	1684972	2790601	94763	15176	2900540

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

WEST BENGAL

URBAN

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. Non-financial institutions</b>									
1.	housing boards/development bodies	176	—	—	137	91	—	—	73
2.	government/local bodies employer	508	46	—	404	393	28	—	319
3.	government	484	—	—	378	341	4	—	273
4.	public sector undertakings	703	—	—	549	394	—	—	316
5.	private sector	247	2	—	193	129	1	—	103
6.	others	—	—	—	—	18	—	—	15
7.	sub-total(1—6)	2118	49	—	1661	1366	33	—	1098
<b>II. financial institutions</b>									
8.	cooperative housing finance agencies	87	79	—	82	102	47	—	89
9.	co-operative bank/credit/societies	745	48	—	590	649	30	—	524
10.	commercial banks	914	165	—	742	715	98	—	587
11.	provident fund	717	4	—	560	470	2	19	377
12.	life insurance corporations	48	—	—	37	27	—	—	21
13.	other insurance companies	49	—	—	38	25	—	—	20
14.	money lenders	126	25	—	103	97	69	13	89
15.	sub-total(8—14)	2686	320	—	2152	2085	246	32	1708
<b>III. individuals</b>									
16.	friends and relatives	1231	226	100	1005	784	205	164	666
17.	amount owned to contractor	12	—	—	9	6	—	—	5
18.	others	613	214	91	520	402	269	51	366
19.	sub-total(16—18)	1856	440	191	1534	1192	474	214	1037
<b>IV. own sources</b>									
20.	savings	8497	2332	1537	7105	6960	2234	1155	5969
21.	pension, p.f., other annuation benefits	2790	114	—	2196	1811	101	12	1466
22.	sale of assets	2051	588	5	1704	1271	394	36	1080
23.	subsidy and grants	7	—	—	5	8	—	7	7
24.	gifts	217	239	—	211	132	143	69	131
25.	others	1060	826	536	996	858	636	415	804
26.	sub-total (20—25)	14621	4090	2078	12217	11042	3508	1693	9457
27.	total (7+15+19+26)	21281	4899	2270	17563	15685	4261	1940	13301
estimated total finance (in 000)		2100327	109354	12501	2222181	2992634	159423	19904	3171961

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ANDAMAN & NICOBAR		URBAN							
sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies . . . . .	137	—	—	133	100	—	—	90
2.	government/local bodies . . . . .	46	—	—	45	33	—	—	30
3.	employer government . . . . .	752	—	—	733	558	—	—	504
4.	public sector undertakings . . . . .	—	—	—	—	—	—	—	—
5.	private sector . . . . .	—	—	—	—	—	—	—	—
6.	others . . . . .	705	—	—	687	513	—	—	464
7.	Sub-total (1-6) . . . . .	1639	—	—	1597	1204	—	—	1089
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies . . . . .	203	—	—	197	148	—	—	133
9.	co-operative bank/credit societies . . . . .	2396	—	—	2335	1825	—	—	1651
10.	commercial banks . . . . .	163	—	—	158	234	—	—	212
11.	provident fund . . . . .	717	—	—	699	707	778	—	695
12.	life insurance corporations . . . . .	—	—	—	—	—	—	—	—
13.	other insurance companies . . . . .	—	—	—	—	—	—	—	—
14.	money lenders . . . . .	354	—	2428	349	355	—	491	333
15.	sub-total (8-14) . . . . .	3833	—	2428	3739	3269	778	491	3023
<b>III. individuals</b>									
16.	friends and relatives . . . . .	1034	401	—	1017	880	223	—	812
17.	amount owned to contractor . . . . .	2	—	—	2	1	—	—	1
18.	others . . . . .	—	—	—	—	3	—	—	2
19.	sub-total (16-18) . . . . .	1036	401	—	1019	884	223	—	815
<b>IV. own sources</b>									
20.	savings . . . . .	9748	8981	—	9714	9510	3036	756	8835
21.	pension, p.f., other annuation benefits . . . . .	450	—	—	438	358	—	—	324
22.	sale of assets . . . . .	1581	55650	—	2875	1153	12648	—	1944
23.	subsidy and grants . . . . .	37	—	—	36	27	—	—	25
24.	gifts . . . . .	—	—	—	—	—	—	—	—
25.	others . . . . .	1118	890	—	1111	914	202	—	841
26.	sub-total (20-25) . . . . .	12935	65521	—	14174	11962	15886	756	11969
27.	total (7+15+19+26) . . . . .	19442	65922	2428	20529	17318	16887	1247	16897
estimated total finance (in 000) . . . . .		23719	1978	5	25702	28991	2229	56	31276

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

ARUNACHAL PRADESH										URBAN
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies	—	—	—	—	—	—	—	—	
2.	government/local bodies	—	—	—	—	—	—	—	—	
3.	employer government	—	—	—	—	—	—	—	—	
4.	public sector undertakings	—	—	—	—	—	—	—	—	
5.	private sector	—	—	—	—	—	—	—	—	
6.	others	—	—	—	—	—	—	—	—	
7.	sub-total (1-6)	—	—	—	—	—	—	—	—	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—	
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—	
10.	commercial banks	—	—	—	—	—	—	—	—	
11.	provident fund	—	—	—	—	—	—	—	—	
12.	life insurance corporations	—	—	—	—	—	—	—	—	
13.	other insurance companies	—	—	—	—	—	—	—	—	
14.	money lenders	—	—	—	—	—	—	—	—	
15.	sub-total	—	—	—	—	—	—	—	—	
<b>III. individuals</b>										
16.	friends and relatives	—	4464	2004	1782	—	1691	1771	1303	
17.	amount owned to contractor	—	—	—	—	—	—	—	—	
18.	others	—	—	—	—	—	—	—	—	
19.	sub-total (16—18)	—	4464	2004	1782	—	1691	1771	1303	
<b>IV. own sources</b>										
20.	savings	7781	500476	5912	77507	6484	192983	5226	57610	
21.	pension, p.f., other annuation benefits	—	—	—	—	—	—	236	111	
22.	sale of assets	—	2480	—	356	—	939	—	261	
23.	subsidy and grants	—	—	—	—	—	—	—	—	
24.	gifts	—	—	—	—	—	—	—	—	
25.	others	—	—	—	—	—	—	—	—	
26.	sub-total (20—25)	7781	502956	5912	77863	6484	193923	5462	57982	
27.	total (7+15+19+26)	7781	507420	7916	79645	6484	195614	7233	59284	
estimated total finance (in 000)		389	12686	784	13858	389	12910	810	14110	

TABLE (10) AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE STRUCTURE AND NATURE OF CONSTRUCTION

CHANDIGARH :

URBAN

srl. no.	source of finance	new buildings				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer :</b>									
3.	government	116	—	—	116	81	—	—	81
4.	public sector undertakings	2349	—	—	2349	1635	—	—	1635
5.	private sector	—	—	—	—	—	—	—	—
6.	others	695	—	—	695	484	—	—	484
7.	sub-total (1—6)	3161	—	—	3181	2200	—	—	2200
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	465	—	—	465	324	—	—	324
9.	co-operative bank/credit societies	548	—	—	548	442	—	—	442
10.	commercial banks	110	—	—	110	846	—	—	846
11.	provident fund	828	—	—	828	576	—	—	576
12.	life insurance corporations	2192	—	—	2192	1526	—	—	1526
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	116	—	—	116	81	—	—	81
15.	sub-total (8—14)	4260	—	—	4260	3795	—	—	3795
<b>III. individuals:</b>									
16.	friends and relatives	553	—	—	553	626	—	—	626
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	1366	—	—	1366	1366	—	—	1336
19.	sub-total (16—18)	1919	—	—	1919	1962	—	—	1962
<b>IV. own sources</b>									
20.	savings	19248	—	—	19248	22203	—	—	22203
21.	pension, p.f. other annuation benefits	116	—	—	116	649	—	—	649
22.	sale of assets	17107	—	—	17107	13040	—	—	13040
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	752	—	—	752	7448	—	—	7448
25.	others	218	—	—	218	152	—	—	152
26.	sub-total (20—25)	37441	—	—	37441	43491	—	—	43491
27.	total (7+15+19+26)	46780	—	—	46780	51447	—	—	51447
estimated total finance (in 00)		79105	—	—	79105	125016	—	—	125016

TABLE (10): AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

URBAN

## DADRA &amp; NAGAR HAVELI :

srl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	33005	—	—	33005	32774	—	—	32774
<b>employer:</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	33005	—	—	33005	32774	—	—	32774
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank credit societies	94	—	—	94	93	—	—	93
10.	commercial banks	82	—	—	82	81	—	—	81
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lender	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	176	—	—	176	174	—	—	174
<b>III. individuals</b>									
16.	friends and relatives	571	—	—	571	636	—	—	636
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	492	—	—	492	488	—	—	488
19.	sub-total: (16—18)	1062	—	—	1062	1125	—	—	1125
<b>IV. own sources</b>									
20.	savings	32275	—	—	32275	32275	—	—	32275
21.	pension, p.f. other annuation benefits	225	—	—	225	223	—	—	223
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	—	—	—	—	—	—	—	—
26.	sub-total (20—25)	32499	—	—	32499	32498	—	—	32498
27.	total (7+15+19+26)	66742	—	—	66742	66571	—	—	66571
estimated total finance (in 000)		85497	—	—	85497	85877	—	—	85877



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

DELHI										URBAN
srl. no.	source of finance	new building				all buildings				
		pucca	semi pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards/development bodies	152	—	—	151	22	—	—	21	
2.	government/local bodies	—	—	—	—	—	—	—	—	
employer:										
3.	government	—	—	—	—	—	—	—	—	
4.	public sector undertakings	—	—	—	—	68	—	—	64	
5.	private sector	—	—	—	—	5	31	—	5	
6.	others	—	—	—	—	—	—	—	—	
7.	sub-total (1—6)	152	—	—	151	95	31	—	90	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	56	—	—	56	8	—	—	8	
9.	co-operative bank/credit societies	—	234	—	2	—	15	—	—	
10.	commercial banks	1464	—	—	1449	245	—	—	232	
11.	provident fund.	27	—	—	26	25	—	—	24	
12.	life insurance corporations	416	—	—	411	60	—	—	57	
13.	other insurance companies	—	—	—	—	—	—	—	—	
14.	money lenders	5557	—	—	5501	825	21	—	782	
15.	sub-total (8—14)	7520	234	—	7445	1163	36	—	1101	
<b>III. individuals</b>										
16.	friends and relatives	15836	—	—	15673	2544	37	1032	2442	
17.	amount owned to contractor	1031	—	—	1021	385	—	—	364	
18.	others	94	—	—	93	46	—	—	44	
19.	sub-total (16—18)	16960	—	—	16787	2975	37	1032	2850	
<b>IV. own sources</b>										
20.	savings	55082	—	—	54518	17249	4675	3531	16540	
21.	pension, p.f. other annuation benefits	3166	—	—	3134	1299	—	—	1229	
22.	sale of assets.	14064	12043	—	14043	2720	773	—	249	
23.	subsidy & grants	—	—	—	—	263	—	—	249	
24.	gifts	8258	—	—	8174	1821	—	—	1723	
25.	others.	13910	—	—	13768	2955	—	—	2797	
26.	sub-total (20—25)	94480	12043	—	93636	26306	5448	3531	25130	
27.	total (7+15+19+26)	119113	12277	—	118019	30538	5552	4563	29171	
estimated total finance (in 000)		978512	1044	—	979555	1744907	7351	8689	1760947	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

GOA		URBAN							
sr. no.	source of finance	new buildings				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. Non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
	employer:								
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	189	—	—	162
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	189	—	—	162
<b>II. Financial institutions</b>									
8.	co-operative housing finance agencies	20870	—	—	17266	3162	—	—	2716
9.	co-operative bank/credit agencies	2609	—	—	2158	395	650	—	431
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	5000	—	863	1110	963	—	1089
12.	life insurance corporations	2087	—	—	1727	316	—	—	272
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	2087	—	—	1727	316	—	—	272
15.	sub-total (8-14)	27652	5000	—	23741	5300	1612	—	4779
<b>III. individuals</b>									
16.	friends and relatives	16638	—	—	13765	2916	2166	—	2810
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	16838	—	—	13765	2916	2166	—	2810
<b>IV. own sources</b>									
20.	saving	41747	9089	—	36109	10411	4234	—	9540
21.	pension p.f. other annuation benefits	6328	—	—	5235	959	—	—	823
22.	sale of assets	4986	—	—	4125	755	—	—	649
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	—	—	—	—	—	—	—	—
26.	sub-total (20—25)	53061	9089	—	45468	12125	4234	—	11012
27.	total (7+15+19+26)	97350	14089	—	82974	20530	8012	—	18764
	estimated total finance (in 000)	33586	1014	—	34600	46746	2997	—	49743

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

LAKSHADWEEP										URBAN
sl. no.	source of finance	new building				all buildings				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<b>I. non-financial institutions</b>										
1.	housing boards development bodies	—	—	—	—	—	—	—	—	
2.	government/local bodies	—	—	—	—	—	—	—	—	
<b>employer:</b>										
3.	government	283	—	—	256	138	—	—	131	
4.	public sector undertaking	—	—	—	—	—	—	—	—	
5.	private sector	—	—	—	—	—	—	—	—	
6.	others	—	—	—	—	—	—	—	—	
7.	sub-total (1—6)	283	—	—	256	—	—	—	131	
<b>II. financial institutions</b>										
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—	
9.	co-operative bank/credit societies	330	—	—	299	161	—	—	153	
10.	commercial banks	34	—	—	31	17	—	—	16	
11.	provident fund	334	—	—	303	163	—	—	155	
12.	life insurance corporations	—	—	—	—	—	—	—	—	
13.	other insurance companies	—	—	—	—	—	—	—	—	
14.	money lenders	—	—	—	—	—	—	—	—	
15.	sub-total (8-14)	698	—	—	633	341	—	—	324	
<b>III. individuals:</b>										
16.	friends and relatives	1043	—	—	945	599	—	—	571	
17.	amount owned to contractor	—	—	—	—	—	—	—	—	
18.	others	—	—	—	—	—	—	—	—	
19.	sub-total (16—18)	1043	—	—	945	599	—	—	571	
<b>IV. own sources</b>										
20.	savings	11759	14119	—	11716	8292	14259	—	8436	
21.	pension, p.f. other annuation benefits	—	—	—	—	—	—	—	—	
22.	sale of assets	—	—	—	—	—	—	—	—	
23.	subsidy & grants	—	—	—	—	—	—	—	—	
24.	gifts	390	—	—	806	434	—	—	413	
25.	others	5560	—	828	5055	3365	—	828	3212	
26.	sub-total (20-25)	18209	14119	828	17588	12092	14119	828	12061	
27.	total (7+15+19+26)	20233	14119	828	19411	13170	14119	828	13088	
estimated total finance (in 000)		4896	282	4	5183	6532	282	4	6819	

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

MIZORAM		URBAN							
sl. no.	source of finance	new buildings				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	692	—	267	—	484	—	198
2.	government/local bodies	2796	4045	—	3159	7653	2833	—	5440
<b>employer :</b>									
3.	government	4738	3304	—	3981	4628	2825	—	3744
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	7535	8041	—	7407	12281	6143	—	9383
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	640	—	247	—	448	—	183
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	25568	—	—	14308
15.	sub-total (8—14)	—	640	—	247	25568	448	—	14492
<b>III. individuals</b>									
16.	friends and relatives	520	128	—	346	393	90	—	257
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	520	128	—	346	393	90	—	257
<b>IV. own sources</b>									
20.	savings	95738	24040	2305	64034	74729	19715	2305	49948
21.	pension, p.f., other superannuation benefits	—	—	—	—	—	—	—	—
22.	sale of assets	—	—	—	—	—	—	—	—
23.	subsidy & grants	6066	4528	—	5211	4584	3171	—	3861
24.	gifts	70489	—	—	40236	53267	—	—	29809
25.	others	17867	3220	—	11442	13684	3320	—	9015
26.	sub-total (20—25)	190160	31788	2305	120924	146265	26206	2305	92633
27.	total (7+15+19+26)	198214	40598	2305	128924	184507	32887	2305	116764
estimated total finance (in 000)		52725	7308	46	60079	64946	8452	46	73444

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## PONDICHERRY

## URBAN

sl. no.	source of finance	new building				all building			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	212	—	—	114	168	—	—	86
2.	government/local bodies employer :	—	—	—	—	—	—	—	—
3.	government	1133	—	—	610	896	—	—	461
4.	public sector undertaking	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	18	8	—	—	14	6
7.	sub-total (1—6)	1345	—	18	733	1064	—	14	553
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	458	—	—	247	362	—	—	187
9.	co-operative bank/credit societies	—	—	—	—	155	—	—	80
10.	commercial banks	1755	—	29	969	1426	—	22	744
11.	provident fund	109	—	—	59	86	—	—	44
12.	life insurance corporations	913	—	—	492	723	—	—	372
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	1762	5588	95	1075	1692	1432	1 06	986
15.	sub-total (8—14)	4997	5588	123	2832	4445	1432	129	2412
<b>III. individuals</b>									
16.	friends and relatives	1075	—	4	581	886	—	70	486
17.	amount owned to contractors	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	1075	—	4	581	886	—	70	486
<b>IV. own sources</b>									
20.	savings	9420	675	13	5093	8044	1659	140	4280
21.	pension, p. f. superannuation benefits	156	—	—	84	141	804	—	111
22.	sale of assets	4441	2067	—	2424	3700	484	—	1927
23.	subsidy & grants	—	626	576	267	—	147	444	201
24.	gifts	113	—	—	61	89	—	—	46
25.	others	4314	4343	112	2440	4063	1412	92	2199
26.	sub-total (20—25)	18443	7710	702	10368	16037	4506	677	8765
27.	total (7+15+19+26)	25860	13298	847	14514	22431	5938	889	12217
estimated total finance (in 000)		167523	2394	4539	174496	183642	4561	6181	194385

TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

DAMAN &amp; DIU

URBAN

sl. no.	source of finance	new building				all building			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer :</b>									
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	—	—	—	—
5.	private sector	—	—	—	—	—	—	—	—
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	—	—	—	—	—	—	—	—
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	—	—	—	—
9.	co-operative bank/credit societies	—	—	—	—	—	—	—	—
10.	commercial banks	—	—	—	—	—	—	—	—
11.	provident fund	—	—	—	—	—	—	—	—
12.	life insurance corporation	—	—	—	—	—	—	—	—
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	—	—	—	—	—	—	—	—
15.	sub-total (8—14)	—	—	—	—	—	—	—	—
<b>III. individuals</b>									
16.	friends and relatives	—	—	—	—	—	—	—	—
17.	amount owned to contractor	—	—	—	—	—	—	—	—
18.	others	—	—	—	—	—	—	—	—
19.	sub-total (16—18)	—	—	—	—	—	—	—	—
<b>IV. own sources:</b>									
20.	savings	11610	—	—	11610	11610	—	—	11610
21.	pension, p.f., other superannuation benefits	—	—	—	—	—	—	—	—
22.	sale of assts	—	—	—	—	—	—	—	—
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	27351	—	—	27351	27351	—	—	27351
26.	sub-total (20—25)	38961	—	—	38961	38967	—	—	38961
27.	total (7+15+19+26)	38961	—	—	38971	38961	—	—	38961
estimated total finance(in 000)		2299	—	—	2299	2299	—	—	2299

TABLE (1) : PROPORTION OF CONSTRUCTION WORKS REPORTING FINANCE BY SOURCE OF FINANCE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE

sl. no.	source of finance	proportion of construction (%) reporting source																									
		new building						addition to floor space						alteration and improvement						all construction							
		pucca	semi-pucca	katcha	all	(5)	(6)	pucca	semi-pucca	katcha	all	(9)	(10)	pucca	semi-pucca	katcha	all	(13)	(14)	pucca	semi-pucca	katcha	all	(16)	(17)	(18)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)										
<b>I. non-financial institutions</b>																											
1.	housing boards/development bodies	0.89	0.23	0.06	0.78	0.15	0.02	—	0.13	0.02	—	—	0.02	0.54	0.11	0.03	0.46										
2.	government/local bodies	1.10	0.73	0.18	0.01	0.56	1.32	—	0.02	0.53	0.97	—	0.54	0.86	0.91	0.09	0.81										
<b>employment :</b>																											
3.	government	0.81	0.36	—	0.72	0.98	—	—	0.84	0.15	0.14	—	0.13	0.66	0.23	—	0.57										
4.	public sector undertakings	0.51	0.37	—	0.47	0.28	—	—	0.24	0.27	—	—	0.20	0.41	0.17	—	0.36										
5.	private sector	0.92	0.23	0.15	0.81	0.25	0.61	—	0.28	1.10	1.05	0.43	1.02	0.87	0.60	0.27	0.80										
6.	others	0.18	0.43	0.22	0.21	0.55	1.48	—	0.63	0.50	0.20	0.77	0.49	0.32	0.49	0.45	0.35										
<b>II. financial institutions</b>																											
7.	co-operative housing finance agencies	1.12	0.35	0.19	0.99	0.77	0.04	—	0.66	0.34	0.38	—	0.31	0.86	0.31	0.09	0.74										
8.	co-operative bank/credit societies	3.86	3.92	1.26	3.71	4.08	1.47	—	3.66	2.73	1.07	0.06	2.21	3.59	2.48	0.63	3.26										
9.	commercial banks	4.42	4.31	2.20	4.28	3.39	4.63	—	3.41	1.74	1.27	0.19	1.51	3.54	3.20	1.14	3.33										
10.	provident fund	2.31	0.94	0.35	2.07	1.34	0.18	—	1.17	1.43	0.66	0.12	1.18	1.92	0.72	0.22	1.67										
11.	life insurance corporations	0.63	0.08	—	0.54	0.30	—	—	0.26	0.14	0.10	—	0.12	0.45	0.08	—	0.38										
12.	other insurance companies	0.19	0.02	—	0.16	0.16	—	—	0.14	0.07	—	—	0.05	0.15	0.01	—	0.13										
13.	money lenders	6.03	14.18	19.48	7.59	7.37	4.33	13.91	7.25	5.44	15.75	29.33	9.45	6.07	13.33	23.56	8.09										
<b>III. individuals :</b>																											
14.	friends and relatives	43.71	16.61	16.24	39.59	13.05	21.42	28.37	14.27	7.39	13.72	11.16	8.67	29.24	16.21	14.75	26.82										
15.	amount owned to contractor	0.57	0.35	1.75	0.62	0.12	0.13	—	0.12	0.35	—	—	0.27	0.45	0.19	0.84	0.45										
16.	others	1.69	4.61	4.29	2.11	2.47	7.87	4.43	3.12	2.35	7.79	3.54	3.22	1.99	6.30	3.96	2.59										
<b>IV. own sources</b>																											
17.	savings	63.48	51.94	49.30	61.53	67.63	73.47	55.94	67.63	62.07	65.97	55.94	61.94	63.73	59.99	52.76	62.55										
18.	pension, p. f., other annuities	14.28	1.35	1.69	12.35	4.94	3.35	0.43	4.62	3.31	2.47	0.66	2.91	9.90	2.07	1.14	8.44										
19.	sale of assets	9.82	10.51	4.27	9.54	5.09	5.42	1.28	5.00	2.62	1.33	2.23	2.40	7.15	6.27	3.14	6.77										
20.	subsidy & grants	0.38	0.07	5.41	0.66	0.58	0.53	0.71	0.58	0.66	0.87	0.03	0.55	0.49	0.25	2.66	0.62										
21.	gifts	1.32	2.40	0.76	1.38	1.18	1.17	0.57	1.49	0.62	0.41	0.25	0.55	1.11	1.47	1.19	1.15										
22.	others	26.79	40.50	31.35	28.33	26.41	23.97	43.55	26.62	30.37	22.44	24.36	28.64	27.71	31.22	28.80	28.16										
23.	unspecified	0.01	—	—	0.01	—	—	—	—	—	—	—	—	0.01	—	—	—	—									

URBAN

TABLE (12) : WEIGHTED AVERAGE INTEREST RATE OF LOANS CONTRACTED BY AGENCY GIVING LOANS FOR INDIVIDUAL OWNERS AND ORGANISATIONS.

URBAN

state/ut	agency : non-financial institutions					
	housing boards/ development bodies	government/ local bodies	employer (government)	employer (public sector undertakings)	employer (private sector)	others
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. Andhra Pradesh	13.43	7.43	8.91	10.37	16.38	24.00
2. Assam	13.00	7.39	8.00	—	1.00	0.25
3. Bihar	14.00	—	—	12.00	11.28	12.66
4. Gujarat	—	10.05	12.00	—	11.50	—
5. Haryana	—	—	2.96	9.39	10.62	—
6. Himachal Pradesh	19.00	10.50	5.89	8.12	—	—
7. Jammu & Kashmir	11.00	13.30	6.44	—	9.32	0.17
8. Karnataka	16.06	11.06	5.77	5.52	—	31.21
9. Kerala	13.30	7.43	9.19	4.11	—	0.78
10. Madhya Pradesh	—	—	9.68	9.28	6.31	—
11. Maharashtra	14.63	7.13	12.96	5.10	13.58	14.55
12. Manipur	0.03	—	—	—	—	12.00
13. Meghalaya	—	12.00	—	—	—	—
15. Orissa	8.05	14.00	0.29	8.00	0.16	—
16. Punjab	12.92	5.78	7.65	8.08	—	13.11
17. Rajasthan	—	—	11.47	5.20	—	3.69
19. Tamil Nadu	12.35	7.75	8.89	8.13	94.18	21.00
20. Tripura	7.00	—	16.00	6.00	—	—
21. Uttar Pradesh	—	9.73	9.95	8.52	11.75	1.31
22. West Bengal	9.65	6.87	6.71	5.86	4.24	11.31
23. Andaman & Nicobar Islands	0.09	16.00	7.11	—	—	5.63
24. Arunachal Pradesh	—	—	—	—	—	—
25. Chandigarh	—	—	12.00	5.00	—	11.00
26. Dadra & Nagar Haveli	—	12.00	—	—	—	—
27. Delhi	7.00	—	—	—	—	—
28. Goa	—	—	—	—	0.08	—
29. Lakshadweep	—	—	8.75	—	—	—
30. Mizoram	7.00	4.32	5.28	—	—	—
31. Pondicherry	8.00	—	—	—	—	—
32. All India	12.13	8.22	8.22	6.30	11.90	9.49



TABLE (12) : WEIGHTED AVERAGE INTEREST RATE OF LOANS CONTRACTED BY AGENCY GIVING LOANS FOR INDIVIDUAL OWNERS AND ORGANISATIONS

(1)	state/union Territory	agency : financial institutions										agency : individuals			(17)	(18)
		(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	URBAN				
		co-operative housing finance agencies	co-operative banks/ credit societies	commercial banks	provident fund	life insurance companies	other insurance companies	money lenders	friends and relatives	amount owned to contractor	others	n.r.				
1.	Andhra Pradesh . . . . .	14.15	13.42	14.81	1.50	6.34	11.79	31.61	0.05	—	—	—	10.03	—		
2.	Assam . . . . .	1.00	—	12.38	8.86	8.36	—	20.04	—	—	—	—	—	—		
3.	Bihar . . . . .	11.75	11.97	10.61	9.05	12.54	14.22	31.77	—	—	—	—	28.51	—		
4.	Gujarat . . . . .	14.30	11.87	6.43	3.02	—	—	19.30	—	—	—	—	—	—		
5.	Haryana . . . . .	14.00	9.47	5.61	10.74	11.02	—	27.32	—	—	—	—	16.49	—		
6.	Himachal Pradesh . . . . .	14.00	10.93	9.35	0.48	—	1.00	—	—	—	—	—	—	—		
7.	Jammu & Kashmir . . . . .	18.00	—	11.40	0.36	10.00	—	14.79	—	—	—	—	0.26	—		
8.	Karnataka . . . . .	15.03	16.01	11.68	4.48	14.34	13.58	12.24	0.05	—	—	—	9.55	—		
9.	Kerala . . . . .	13.00	13.09	11.76	3.93	12.70	10.39	25.34	—	—	—	—	6.59	—		
10.	Madhya Pradesh . . . . .	18.00	15.76	17.14	1.40	47.75	—	23.65	0.22	0.01	—	—	20.85	—		
11.	Maharashtra . . . . .	15.29	14.98	14.95	5.94	11.10..	13.83	25.69	0.05	0.48	—	—	0.12	—		
12.	Manipur . . . . .	—	—	0.10	—	—	—	0.43	—	—	—	—	—	—		
13.	Meghalaya . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—		
14.	Nagaland . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—		
15.	Orissa . . . . .	13.57	13.60	12.39	5.65	14.00	14.00	10.00	—	—	—	—	—	—		
16.	Punjab . . . . .	13.80	13.03	7.75	5.08	10.52	—	38.86	—	—	—	—	22.11	—		
17.	Rajasthan . . . . .	—	14.61	13.06	3.83	11.74	12.37	22.43	—	8.29	—	—	7.59	36.00		
18.	Sikkim . . . . .	—	—	—	—	—	—	23.19	—	—	—	—	19.22	—		
19.	Tamil Nadu . . . . .	14.60	15.61	15.39	2.89	12.61	9.95	—	0.04	—	—	—	—	—		
20.	Tripura . . . . .	—	—	4.72	—	—	—	35.27	—	—	—	—	33.40	—		
21.	Uttar Pradesh . . . . .	14.00	6.72	7.20	39.07	5.63	—	—	—	—	—	—	—	—		
22.	West Bengal . . . . .	9.94	9.37	7.47	0.90	11.10	12.00	22.50	0.33	28.41	—	—	11.43	—		
23.	Andaman & Nicobar Island . . . . .	16.07	7.80	16.36	—	—	—	12.60	—	—	—	—	1.19	—		
24.	Arunachal Pradesh . . . . .	—	—	—	—	—	—	51.13	—	—	—	—	—	—		
25.	Chandigarh . . . . .	12.50	13.14	16.00	6.43	13.00	—	—	—	—	—	—	—	—		
26.	Dadra & Nagar Haveli . . . . .	—	8.00	12.00	—	—	—	30.00	—	—	—	—	—	—		
27.	Delhi . . . . .	12.00	15.00	12.93	0.68	18.00	—	7.41	—	—	—	—	—	—		
28.	Goa . . . . .	0.05	0.11	—	—	0.11	—	0.16	—	—	—	—	—	—		
29.	Lakshadweep . . . . .	—	16.20	—	—	—	—	—	—	—	—	—	—	—		
30.	Mizoram . . . . .	—	17.00	—	—	—	—	—	—	—	—	—	—	—		
31.	Pondicherry . . . . .	13.90	10.00	5.51	—	7.12	—	10.00	—	—	—	—	—	—		
32.	All India . . . . .	14.22	13.29	12.58	7.01	20.99	12.95	27.29	0.04	0.14	—	—	6.67	35.55		

TABLE (1) : PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY NATURE OF CONSTRUCTION AND STAGE OF CONSTRUCTION

CITIES

city	new building			addition to floor space		alteration & improvement			all			estimated number of constructions	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)		(13)
1. Bombay City . . .	10.77	2.91	13.68	18.35	0.74	19.09	64.13	3.10	67.23	93.25	6.75	100.00	41465
2. Madras City . . .	24.07	13.63	37.70	10.48	0.87	11.35	47.50	3.44	50.95	82.06	17.94	100.00	46020
3. Calcutta City . . .	6.09	13.45	19.54	18.92	15.34	34.26	31.49	8.41	46.20	62.80	37.20	100.00	22031
4. Delhi City . . .	3.46	10.29	13.75	8.77	3.71	12.48	55.38	18.38	73.76	67.61	32.39	100.00	60366
5. All Metro Cities . . .	11.17	9.81	20.97	12.89	3.72	16.81	53.10	9.31	62.41	77.16	22.84	100.00	169881

TABLE (2): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY OWNERSHIP TYPE

CITIES

city	household for own use	housing co-op.	educa- tional insti- tution	religious institu- tion	trust club etc.	promoter contractor	others	total	estd. no. of con- struction
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Bombay City . . . . .	97.91	0.41	—	0.14	0.13	1.01	0.40	100.00	41465
2. Madras City . . . . .	96.42	—	1.63	0.15	—	0.14	1.67	100.00	46020
3. Calcutta City . . . . .	98.77	—	0.34	0.15	—	0.54	—	100.00	22031
4. Delhi City . . . . .	95.70	—	1.24	0.36	1.18	0.28	1.23	100.00	60366
5. All metro Cities . . . . .	96.83	0.10	0.93	0.25	0.45	0.45	0.99	100.00	169881

TABLE (3): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORKS BY AGENCY OF CONSTRUCTION.

CITIES

city	agency for construction					total	estima- ted no. of con- struction
	owner with or without paid labour	owner with wholly paid labour	partly through contra- ctor	wholly through contra- ctor	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. Bombay City . . . . .	36.80	56.95	5.04	1.21	—	100.00	41465
2. Madras . . . . .	38.37	56.14	1.66	3.83	—	100.00	46020
3. Calcutta City . . . . .	25.99	72.41	1.60	—	—	100.00	22031
4. Delhi City . . . . .	26.13	58.17	2.85	12.84	—	100.00	60366
5. All Metro Cities . . . . .	32.03	59.17	2.90	5.90	—	100.00	169881

TABLE (4): PERCENTAGE DISTRIBUTION OF CONSTRUCTION WORK BY PURPOSE AND TYPE OF STRUCTURE

ALL FOR CITIES POOLED

CITIES

sl. no.	purpose of constructions	type of structure				estimated no. of construc- tions	number of sample construc- tions
		pucca	semi-pucca	katcha	total		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Residential . . . . .	81.07	6.75	5.55	93.37	158617	915
2.	Industrial . . . . .	0.22	0.08	—	0.30	514	7
3.	Commercial . . . . .	2.29	0.07	0.54	2.90	4934	38
4.	Agricultural . . . . .	0.52	—	—	0.52	878	1
5.	Educational . . . . .	0.28	0.21	—	0.49	827	3
6.	Health . . . . .	—	—	—	—	—	—
7.	Residential-cum-industrial . . . . .	0.03	—	—	0.03	59	2
8.	Residential-cum-commerical . . . . .	1.33	—	0.04	1.37	2323	19
9.	Others . . . . .	1.02	—	—	1.02	1728	18
10.	All . . . . .	86.77	7.10	6.13	100.00	169881	1003
Estimated no. of constructions . . . . .		147398	12066	10417	169881	—	—

TABLE (5): AVERAGE COST (Rs.) OF CONSTRUCTION PER SQUARE METRE FOR COMPLETED BUILDING CONSTRUCTIONS BY TYPE OF STRUCTURE FOR EACH CITY AND ALL CITIES POOLED.

CITIES

sl. no.	city	average cost (Rs.) per sq. m.				estimated no. of construc- tions	no. of sample construc- tions
		pucca	semi- pucca	katcha	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Bombay . . . . .	1031	—	—	1031	4466	16
2.	Madras . . . . .	1492	996	132	1282	11078	74
3.	Calcutta . . . . .	956	—	124	934	1342	22
4.	Delhi . . . . .	1659	224	—	1658	2087	32
5.	All Cities . . . . .	1363	995	131	1279	18972	144

TABLE (6) : AVERAGE FLOOR AREA (SQ. M) ADDED/PROPOSED TO BE ADDED PER CONSTRUCTION REPORTING ADDITION TO FLOOR SPACE BY TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION

city	new building-completed			new building under construction			addition to floor-space completed			addition to floor space-under construction						
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
1. Bombay city	42	—	—	42	423	—	—	423	13	—	—	13	32	—	—	32
2. Madras city	30	56	23	31	86	227	36	95	36	35	6	33	24	—	—	24
3. Calcutta city	54	—	16	51	110	—	—	110	11	27	—	13	112	12	—	106
4. Delhi city	88	3	—	86	176	20	—	175	19	—	—	19	47	—	—	47
5. all metro cities	42	54	22	41	149	204	36	149	21	31	6	21	79	12	—	47

TABLE (7) : AVERAGE COST/ESTIMATED COST OF CONSTRUCTION PER CONSTRUCTION WORK BY NATURE OF CONSTRUCTION, TYPE OF STRUCTURE AND STAGE OF CONSTRUCTION.

srl. no.	type of structure	stage of construction	CITIES			
			average cost (Rs.)			
			new building	addition to floor space	alteration improvement	all
<b>All Metro Cities</b>						
1.	pucca	completed	55244	17932	7806	16507
		under construction	428139	55593	38764	210417
2.	semi-pucca	completed	54151	3530	4183	8724
		under construction	80057	8146	5183	40923
3.	katcha	completed	2708	2288	2456	2494
		under construction	6974	—	48245	41323
4.	all	completed	50618	15774	7071	14828
		under construction	413973	53883	38401	202147
<b>Bombay City</b>						
1.	pucca	completed	39158	9107	8265	12190
		under construction	2335016	48052	102180	1059460
2.	semi-pucca	completed	—	2037	7254	3644
		under construction	—	—	—	—
3.	katcha	completed	—	—	2764	2764
		under construction	—	—	—	—
4.	all	completed	39158	7724	8229	11702
		under construction	2335016	48052	102180	1059460
<b>Madras City</b>						
1.	pucca	completed	44336	22339	4397	22041
		under construction	190792	50059	34951	155932
2.	semi-pucca	completed	55693	5427	3663	11569
		under construction	86639	—	5596	65053
3.	katcha	completed	2759	2288	2134	2259
		under construction	6974	—	1993	4500
4.	all	completed	39606	17287	3591	15906
		under construction	179228	50059	29094	144137
<b>Calcutta City</b>						
1.	pucca	completed	51883	15678	7198	13871
		under construction	164828	33818	27087	82305
2.	semi-pucca	completed	—	3957	2011	3092
		under construction	—	8146	4821	6635
3.	katcha	completed	2028	—	—	2028
		under construction	—	—	—	—
4.	all	completed	47648	14610	7008	13241
		under construction	164828	32087	24802	78445
<b>Delhi City</b>						
1.	pucca	completed	137380	26882	8779	18223
		under construction	400001	88236	33354	158852
2.	semi-pucca	completed	685	—	5078	4977
		under construction	26938	—	—	26938
3.	katcha	completed	—	—	3901	3901
		under construction	—	—	60050	60050
4.	all	completed	135480	26882	8441	17328
		under construction	396579	88236	34617	155814

TABLE (8): AVERAGE AMOUNT OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR PER CONSTRUCTION WORK BY ITEMS OF EXPENDITURE NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE.

## ALL CITIES

srl. no.	item of expenditure	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>all metro cities</b>									
1.	stone blocks . . . . .	672	39	22	612	206	5	4	179
2.	stone slabs . . . . .	457	9	—	415	139	15	6	122
3.	stone chips . . . . .	2519	208	4	2293	711	134	8	627
4.	bricks (burnt) . . . . .	8251	1824	271	7572	2918	988	56	2605
5.	bricks (unburnt) . . . . .	294	172	60	277	97	47	71	92
6.	sand . . . . .	2896	342	150	2647	1019	212	62	903
7.	cement . . . . .	13419	1956	150	12256	4300	649	233	3791
8.	lime . . . . .	349	14	6	317	100	5	2	87
9.	bitumen . . . . .	84	—	—	76	20	—	27	19
10.	wood and timber . . . . .	4270	64	48	3876	1354	230	29	1193
11.	plywood . . . . .	328	—	—	297	141	8	—	123
12.	plyboard . . . . .	334	—	—	303	87	—	—	76
13.	laminated sheet . . . . .	16	114	—	19	6	15	—	6
14.	tiles for roof . . . . .	229	381	19	225	107	81	4	98
15.	mosaic tiles . . . . .	1154	990	—	1089	415	129	—	369
16.	other floor tiles . . . . .	2315	—	—	2098	614	127	—	541
17.	asbestos sheets . . . . .	261	—	—	237	167	102	—	152
18.	corrugated iron sheets . . . . .	152	—	—	138	78	—	—	68
19.	iron and steel . . . . .	11209	251	—	10171	3362	39	1	2920
20.	doors and windows (wooden) . . . . .	2077	2248	70	1984	691	448	21	632
21.	doors and windows (iron) . . . . .	1013	9	4	919	417	15	1	363
22.	veener . . . . .	19	—	—	17	9	—	—	8
23.	iron and steel fittings . . . . .	794	110	8	724	295	15	96	263
24.	bamboo cane and reed . . . . .	25	919	463	86	26	316	516	76
25.	straw, grass and leaves . . . . .	3	559	842	69	8	383	667	75
26.	paint and varnish . . . . .	915	803	1	865	398	109	—	353
27.	sanitary fittings . . . . .	1203	79	—	1094	374	10	—	325
28.	electrical fittings . . . . .	1886	1147	32	1761	646	156	6	572
29.	plumbing & water supply fittings . . . . .	2674	1480	—	2488	677	197	—	601
30.	glass fittings . . . . .	834	—	—	756	273	—	—	237
31.	bolts, nuts, nails pulleys couplings . . . . .	296	11	7	269	110	31	16	99
32.	pumps and precast cement or metal tank . . . . .	398	—	—	860	97	—	—	84
33.	drainage pipes . . . . .	364	—	—	330	112	—	30	99
34.	other materials . . . . .	3593	274	137	3276	1178	146	165	1043
35.	materials (sub-total) . . . . .	65305	14003	2296	59917	21150	4611	2019	18802

TABLE (8) (Contd) : AVERAGE AMOUNT OF CONSTRUCTION EXPENDITURE INCURRED DURING THE YEAR PER CONSTRUCTION WORK BY ITEMS OF EXPENDITURE NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE.

ALL CITIES									
srl. no.	item of expenditure	new building				all buildings			
		pucca	semi pucca	katcha	all	pucca	semi pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
36.	mason	6605	1209	157	6047	2405	401	199	2127
37.	carpenter	1611	510	83	1487	483	140	16	430
38.	plumber	677	361	—	629	207	54	—	184
39.	electrician	584	271	6	541	168	38	12	150
40.	others	1653	109	83	1507	461	65	58	408
41.	unskilled	6209	1069	102	5680	2037	329	208	1803
42.	labour hired sub-total (36 to 41)	17339	3528	431	15891	5762	1028	493	5103
43.	household labour	235	111	159	226	157	42	154	149
44.	labour sub-total (42 & 43)	17574	3639	590	16117	5919	1070	646	5252
45.	professional services	1309	—	—	1187	332	2	—	288
46.	rental and hired charges	690	2	—	625	249	17	25	219
47.	municipal fees	904	—	—	820	222	—	—	193
48.	charges paid to electric supply authorities	555	399	3	521	127	51	1	114
49.	other service charges	986	13	10	895	312	25	17	274
50.	service charges sub-total (45 to 49)	4444	414	13	4047	1243	96	43	1088
51.	n.r.	23	—	—	21	5	—	—	4
52.	total expenditure items (35+44+50+51)	87346	18056	2899	80102	28317	5777	2768	25146
53.	used materials	761	92	108	699	498	101	26	441
estimated total expenditure in (000)		2845427	28165	5363	2878955	4247358	70914	28480	4346751

TABLE (9) : — AVERAGE AMOUNT OF QUANTITY (STANDARD UNIT) AND VALUE (RS.) OF DIFFERENT ITEMS OF INPUTS USED SINCE START OF CONSTRUCTION OR COMPLETED NEW BUILDING PER CONSTRUCTION BY TYPE OF STRUCTURE

## ALL CITIES

sl. No.	item of input	pucca		semi-pucca		katcha		all	
		quantity	value	quantity	value	quantity	value	quantity	value
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	stone blocks . . . cu. metre	17	946	1	19	—	24	15	816
2.	stone slabs . . . cu. metre	11	349	—	3	—	—	9	300
3.	stone chips . . . cu. metre	19	2094	6	1134	—	—	17	1859
4.	bricks (burnt) . . . (00)	93	6335	172	8665	1	123	89	5922
5.	bricks (unburnt) . . . (00)	2	132	6	258	2	65	2	133
6.	sand . . . cu. metre	26	1588	44	2306	3	163	25	1504
7.	cement . . . quintal	59	7556	88	12694	1	99	55	7188
8.	lime . . . kg.	163	219	19	21	5	6	141	190
9.	bitumen . . . kg.	2	5	—	—	—	—	1	4
10.	tiles for roof . . . no.	70	181	—	—	14	21	62	157
11.	mosaic tiles . . . no.	234	1003	297	1485	—	—	218	942
12.	other floor tiles . . . no.	289	563	—	—	—	—	248	484
13.	asbestos sheets . . . sq. m.	6	405	—	—	—	—	5	347
14.	corrugated iron sheets . . . sq. m.	9	223	—	—	—	—	8	192
15.	iron and steel . . . quintal	13	5569	7	5782	—	—	12	5097
16.	doors and windows (wooden) . . . no.	3	1681	6	3047	—	63	3	1614
17.	doors and windows (iron) . . . no.	1	969	—	—	—	4	1	832
18.	mason . . . man days	82	3576	90	4367	4	170	75	3323
19.	carpenter . . . man days	17	894	15	765	1	25	16	812
20.	plumber . . . man days	5	375	14	541	—	—	5	352
21.	electrician . . . man days	7	493	9	406	—	6	6	446
22.	others . . . man days	17	608	1	74	5	72	15	532
23.	unskilled . . . man days	200	4285	211	4319	3	96	184	3922
24.	household labour . . . man days	12	280	4	82	4	156	11	258



TABLE (10) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## ALL CITIES

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	440	—	—	399	114	—	—	99
2.	government/local bodies employer :	312	—	—	283	75	—	—	65
3.	government . . . . .	383	—	—	347	99	—	—	86
4.	public sector undertakings . . . . .	1290	—	—	1169	390	—	—	338
5.	private sector . . . . .	41	—	—	37	44	3	38	41
6.	others . . . . .	244	—	—	221	139	—	54	124
7.	sub-total (1—6) . . . . .	2710	—	—	2456	861	3	92	753
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	631	2119	—	664	160	273	—	158
9.	co-operative bank/credit societies	806	347	94	751	669	61	37	587
10.	commercial banks . . . . .	2585	—	—	2343	646	—	—	560
12.	provident fund . . . . .	485	—	—	439	135	10	—	118
12.	life insurance corp'n. . . . .	246	—	—	223	54	—	—	47
13.	other insurance companies . . . . .	103	430	—	112	23	55	—	24
14.	money lenders . . . . .	9979	2226	876	9186	2332	820	592	2205
15.	sub-total (8—14) . . . . .	14836	5121	970	13719	4118	1219	630	3698
<b>III. individuals</b>									
16.	friends . . . . .	7703	254	281	7007	2262	734	291	2033
17.	amount owned to contractor . . . . .	1314	—	—	1191	385	—	—	334
18.	others . . . . .	4116	—	94	3735	969	43	26	845
19.	sub-total(16—18) . . . . .	13133	254	374	11933	3616	778	317	3212
<b>IV. own sources</b>									
20.	savings . . . . .	30672	1539	1224	27929	12134	2000	1469	10760
21.	pension, p. f., other annuation benefits . . . . .	2620	—	—	2375	1423	175	—	1247
22.	sale of assets . . . . .	5067	10772	374	5080	1471	1510	96	1390
23.	subsidy & grants . . . . .	—	—	—	—	102	—	—	88
24.	gifts . . . . .	2167	—	—	1964	746	—	—	648
25.	others . . . . .	9294	235	149	8442	2636	115	119	2306
26.	sub-total (20—25) . . . . .	49820	12546	1747	45790	18513	3841	1684	16439
27.	total (7+15+19+26)	80499	17921	3091	73899	27108	5841	2723	24102
28.	estimated total finance (in 000)	2599706	27814	5511	2633031	3995615	70481	28365	4094461

TABLE (10) contd. : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## BOMBAY CITY

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	Housing boards/development bodies	—	—	—	—	67	—	—	64
2.	government/local bodies	—	—	—	—	—	—	—	—
<b>employer :</b>									
3.	government	—	—	—	—	56	—	—	53
4.	public sector undertakings	—	—	—	—	258	—	—	244
5.	private sector	99	—	—	99	136	—	—	129
6.	others	—	—	—	—	316	—	—	299
7.	sub-total(1—6)	99	—	—	99	833	—	—	789
<b>II. financial institutions</b>									
8.	co-operative housing finance agencies	—	—	—	—	28	—	—	27
9.	co-operative bank/credit societies	193	—	—	198	901	—	4036	859
10.	commercial banks	4979	—	—	4979	823	—	—	779
11.	provident fund	363	—	—	363	103	—	—	97
12.	life insurance corporations	—	—	—	—	—	—	—	—
13.	other insurance companies	495	—	—	495	72	—	—	68
14.	money lenders	5042	—	—	5042	1213	—	—	1149
15.	sub-total(8—14)	11078	—	—	11078	33140	—	4036	2979
<b>III. individuals</b>									
16.	friends and relatives	13880	—	—	13880	3096	1154	—	2991
17.	amount owned to contractor	5523	—	—	5523	815	—	—	772
18.	others	22581	—	—	22581	3444	—	—	3261
19.	sub-total(16—18)	41984	—	—	41984	7355	1154	—	7024
<b>IV. own sources</b>									
20.	savings	21644	—	—	21644	5560	2174	—	5377
21.	pension, p.f., other annuation benefits	85	—	—	85	683	—	—	647
22.	sale of assets	—	—	—	—	60	—	—	56
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	—	—	—	—
25.	others	28959	—	—	28959	4587	507	—	4370
26.	sub-total(20—25)	50688	—	—	50688	10890	2681	—	10450
27.	total(7+15+19+26)	103849	—	—	103849	22219	3835	4036	21242
estimated total finance (in 000)		589031	—	—	589031	872297	8245	222	880764

TABLE (10) (contd.) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## MADRAS CITY

sl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	scmi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions</b>									
1.	housing boards/development bodies	912	—	—	747	430	—	—	282
2.	government local bodies	111	—	—	91	52	—	—	34
3.	government employer	299	—	—	245	141	—	—	92
4.	public sector undertakings	2905	—	—	2380	1387	—	—	910
5.	private sector	47	—	—	38	22	—	48	23
6.	others	555	—	—	455	161	—	67	184
7.	sub-total (1—6)	4829	—	—	3956	2293	—	115	1525
<b>II. financial institutions</b>									
8.	co-operative housing finance agents	1401	2243	—	1338	660	439	—	504
9.	co-operative bank societies	1725	353	100	1453	1366	96	20	922
10.	commercial banks	3040	—	—	2491	1498	—	—	983
11.	provident fund	832	—	—	681	417	16	—	276
12.	life insurance corporations	284	—	—	233	134	—	—	88
13.	other insurance companies	37	455	—	69	17	89	—	26
14.	money lenders	17282	2356	936	14448	8556	1318	740	5961
15.	sub-total (8—14)	24601	5408	1036	20713	12659	1958	760	8760
<b>III. individuals</b>									
16.	friends and relatives	1925	269	300	1629	1662	654	128	1220
17.	amount owned to contractor	185	—	—	152	91	—	—	60
18.	others	118	—	100	107	60	32	32	50
19.	sub-total (16—18)	2228	269	400	1887	1813	685	160	1330
<b>IV. own sources</b>									
20.	savings	22701	1629	1196	18852	13273	1631	1006	9155
21.	pension, P.F., other annuation benefits	2317	—	—	1898	1429	160	—	964
22.	sale of assets	2926	10706	400	3341	1499	2296	120	1379
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	151	—	—	124	71	—	—	47
25.	others	1325	249	48	1111	1018	87	127	705
26.	sub-total (20—25)	29420	12583	1644	25326	17290	4175	1253	12448
27.	total (7+15+19+26)	61079	18261	3080	51882	34055	6818	2287	23863
estimated total finance (in 000)		868297	26770	5140	90020	1027993	51069	19083	1098145

TABLE (10) (contd.) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## CALCUTTA CITY

srl. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institution.</b>									
1.	housing boards/development bodies	—	—	—	—	—	—	—	—
2.	government/local bodies employer	2030	—	—	1976	454	—	—	429
<b>employer</b>									
3.	government	1935	—	—	1884	390	—	—	368
4.	public sector undertakings	88	—	—	86	76	—	—	72
5.	private sector	19	—	—	18	11	—	—	11
6.	others	—	—	—	—	9	—	—	9
7.	sub-total (1—6)	4072	—	—	3984	941	—	—	889
<b>II. financial institutions.</b>									
8.	co-operative housing finance agencies	—	—	—	—	99	—	—	93
9.	co-operative bank/credit societies	94	—	—	91	1038	—	—	981
10.	commercial banks	—	—	—	—	175	—	—	165
11.	provident fund	370	—	—	360	87	—	—	82
12.	life insurance corporations	119	—	—	116	24	—	—	23
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	562	—	—	547	264	—	—	249
15.	sub-total (8—14)	1144	—	—	1114	1687	—	—	1594
<b>III. individuals</b>									
16.	friends and relatives	3003	—	—	2923	785	1304	—	807
17.	amount owned to contractor	—	—	—	—	2	—	—	2
18.	others	571	—	—	556	151	259	—	156
19.	sub-total (16—18)	3574	—	—	3479	938	1563	—	964
<b>IV. own sources</b>									
20.	savings	22086	—	1628	21544	8838	960	1628	8407
21.	pension, p.f., other annuation benefits	6010	—	—	5851	3152	828	—	3019
22.	sale of assets	1550	—	—	1509	667	—	—	630
23.	subsidy & grants	—	—	—	—	—	—	—	—
24.	gifts	—	—	—	—	185	—	—	175
25.	others	664	—	1628	689	428	115	1628	419
26.	sub-total (20—25)	30309	—	3256	29593	13270	1903	3256	12650
27.	total (7+15+19+26)	39100	—	3256	38150	16835	3466	3256	16096
estimated total finance (in 000)		163867	—	371	164238	350418	3816	371	354605

TABLE (10) (Concl'd) : AVERAGE AMOUNT (RUPEES) OF FINANCE RAISED PER CONSTRUCTION BY SOURCE OF FINANCE, TYPE OF STRUCTURE AND NATURE OF CONSTRUCTION

## DELHI CITY

sr. no.	source of finance	new building				all buildings			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. non-financial institutions.</b>									
1.	housing boards/development bodies	152	—	—	151	22	—	—	21
2.	government/local bodies employer	—	—	—	—	—	—	—	—
3.	government	—	—	—	—	—	—	—	—
4.	public sector undertakings	—	—	—	—	68	—	—	64
5.	private sector	—	—	—	—	5	31	—	5
6.	others	—	—	—	—	—	—	—	—
7.	sub-total (1—6)	152	—	—	151	95	31	—	90
<b>II. financial institutions.</b>									
8.	co-operative housing finance agencies	56	—	—	56	8	—	—	8
9.	co-operative bank/credit societies	—	234	—	2	—	15	—	—
10.	commercial banks	1464	—	—	1449	245	—	—	232
11.	provident fund	27	—	—	26	25	—	—	24
12.	life insurance corporations	415	—	—	411	60	—	—	57
13.	other insurance companies	—	—	—	—	—	—	—	—
14.	money lenders	5557	—	—	5501	825	21	—	782
15.	sub-total (8—14)	7520	234	—	7445	1163	36	—	1101
<b>III. individuals</b>									
16.	friends and relatives	15836	—	—	15673	2544	37	1032	2442
17.	amount owned to contractor	1031	—	—	1021	385	—	—	364
18.	others	94	—	—	93	46	—	—	44
19.	sub-total (6-18)	16960	—	—	16787	2975	37	1032	2850
<b>IV. own sources</b>									
20.	savings	55082	—	—	54518	17249	4675	3531	16540
21.	pension, p.f., other annuation benefits	3166	—	—	3134	1299	—	—	1229
22.	sale of assets	14064	12043	—	14043	2720	773	—	2592
23.	subsidy & grants	—	—	—	—	263	—	—	49
24.	gifts	8258	—	—	8174	1821	—	—	1723
25.	others	13910	—	—	13768	2955	—	—	2797
26.	sub-total (20-25)	94480	12043	—	93636	26306	5448	3531	25130
27.	total (7+15+19+26)	119113	12277	—	118019	30538	5552	4563	29171
estimated total finance (in 000)		978512	1044	—	979555	1744907	7351	8689	1760947

TABLE (11) : PROPORTION OF CONSTRUCTION WORKS REPORTING FINANCE BY SOURCE OF FINANCE, NATURE OF CONSTRUCTION AND TYPE OF STRUCTURE  
ALL CITIES

sl. no.	source of finance	proportion of constructions (%) reporting source																			
		new building				addition				floor space				alteration and improvements				all construction			
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)				
<b>I. non-financial institutions.</b>																					
1.	housing boards/development bodies	0.48	—	—	—	0.44	—	—	—	—	0.12	—	—	0.10	0.18	—	—	0.16			
2.	government/local bodies	0.78	—	—	—	0.71	—	—	—	—	0.11	—	—	0.09	0.24	—	—	0.20			
3.	employer :-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	government	0.75	—	—	—	0.68	0.34	—	0.29	0.06	—	—	—	0.05	0.26	—	—	0.22			
	public sector undertakings	1.91	—	—	—	1.73	1.31	—	1.15	0.93	—	—	—	0.79	1.21	—	—	1.05			
5.	private sector	0.52	—	—	—	0.47	0.32	—	0.28	2.21	0.56	3.20	2.17	1.52	0.34	2.56	1.50	1.50			
6.	others	0.41	—	—	—	0.37	1.45	—	1.27	1.75	—	8.00	2.12	1.41	—	6.40	1.61	1.61			
<b>(1. financial institutions.</b>																					
7.	c-operative housing finance	1.77	4.25	—	—	1.79	0.46	—	0.40	0.12	—	—	—	0.10	0.54	0.55	—	0.51			
8.	co-operative bank/credit societies	4.51	6.06	1.85	—	4.45	15.40	—	13.50	5.30	2.73	0.66	4.75	6.82	2.44	0.84	6.14	6.14			
9.	commercial banks	3.00	—	—	—	2.72	0.95	—	0.83	1.14	—	—	0.97	1.51	—	—	1.31	1.31			
10.	provident fund	6.45	—	—	—	5.85	1.61	—	1.40	0.47	2.73	—	0.59	1.97	1.66	—	1.83	1.83			
11.	life insurance corporations	0.80	—	—	—	0.72	—	—	—	—	—	—	—	0.17	—	—	0.15	0.15			
12.	other insurance companies	0.71	2.13	—	—	0.74	—	—	—	—	—	—	—	0.16	0.27	—	0.15	0.15			
13.	money lenders	26.41	33.96	52.38	—	28.04	12.79	—	11.22	2.84	22.62	35.25	6.75	9.67	18.12	37.16	11.96	11.96			
<b>III. individuals</b>																					
14.	friends and relatives	18.60	16.95	14.97	18.34	18.83	58.28	100.00	24.14	12.16	29.44	9.38	13.13	14.69	35.44	12.95	16.05	16.05			
15.	amount owned to contractor	1.36	—	—	—	1.23	—	—	—	1.16	—	—	0.99	1.01	—	—	—	0.88			
16.	others	2.29	—	9.37	2.54	7.34	5.97	—	7.11	1.64	3.87	1.20	1.76	2.74	3.93	2.56	2.81	2.81			
<b>IV. own sources</b>																					
17.	savings	64.46	36.15	64.44	63.22	68.33	34.77	100.00	64.89	77.87	86.06	72.90	78.05	73.33	66.12	72.24	72.75	72.75			
18.	pension, P.F., other annuation benefits	7.77	—	—	7.04	4.92	14.08	—	5.90	6.55	—	—	5.58	6.54	3.71	—	5.94	5.94			
19.	sale of assets	10.86	23.78	7.52	11.25	4.88	10.50	—	5.46	4.22	—	3.20	3.85	5.78	5.83	3.85	5.67	5.67			
20.	subsidy & grants	—	—	—	—	—	—	—	—	0.17	—	—	0.14	0.10	—	—	0.09	0.09			
21.	gifts	2.76	—	—	2.50	0.32	—	—	0.28	0.24	—	—	0.21	0.81	—	—	0.70	0.70			
22.	others	20.74	2.13	12.00	19.49	12.11	13.01	—	12.08	12.78	8.21	11.21	12.34	14.41	8.69	11.02	13.80	13.80			

TABLE (12): WEIGHTED AVERAGE INTEREST RATE OF LOANS CONTRACTED BY AGENCY GIVING LOANS FOR INDIVIDUAL OWNERS AND ORGANISATIONS

city	agency : non-financial institutions					
	housing boards/development bodies	government local bodies	employer (government)	employer (public sector undertakings)	employer (private sector)	others
	(1)	(2)	(3)	(4)	(5)	(6)
1. Bombay city	—	—	10.00	7.00	1.44	14.56
2. Madras city	17.16	4.10	9.00	8.03	306.87	24.74
3. Calcutta city	—	8.20	6.26	4.30	—	7.00
4. Delhi city	7.00	—	—	—	—	—
5. All metro cities	13.72	7.61	7.62	7.20	48.13	18.58

TABLE (12): WEIGHTED AVERAGE INTEREST RATE OF LOANS CONTRACTED BY AGENCY GIVING LOANS FOR INDIVIDUAL OWNERS AND ORGANISATIONS

city	agency : financial institutions						agency : individuals				
	co-operative housing finance agencies	co-operative banks/credit societies	commercial banks	provident fund	life insurance corporations	other insurance companies	money lenders	friends and relatives	amount owned to contractor	others	n.r.
	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1. Bombay city	9.00	11.99	17.28	6.88	—	12.00	29.95	2	—	—	—
2. Madras city	20.14	14.20	14.98	6.59	11.19	9.95	38.43	—	—	4.69	—
3. Calcutta city	10.00	9.15	11.94	4.45	12.00	—	22.29	—	—	—	—
4. Delhi city	12.00	15.00	12.93	0.68	18.00	—	7.41	—	—	—	—
5. All metro cities	18.77	12.31	15.34	6.03	14.16	11.39	33.21	0.79	—	0.08	—

# Results on housing condition

## NSS 44th round (July 1988—June 1989)



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## RURAL

TABLE (1) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH AREA OF BUILDING

sr. no.	state/u.t.	plinth area of building in sq. mt.										total	estimated no. of house-holds (00)
		less 10	10-20	20-30	30-40	40-50	50-75	75-100	100 or more	n.r.	(11)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
1.	Andhra Pradesh	4.74	22.60	23.96	15.98	10.86	11.00	4.88	5.94	0.03	100.00	101557	
2.	Assam	1.41	11.81	20.89	16.05	14.57	21.57	10.20	3.20	0.29	100.00	28411	
3.	Bihar	4.99	14.37	16.43	14.04	13.26	16.83	8.74	11.02	0.63	100.00	117840	
4.	Gujarat	2.50	16.93	22.37	26.84	9.46	13.08	4.90	3.85	0.07	100.00	59435	
5.	Haryana	1.44	8.12	8.42	7.45	7.81	17.74	12.27	36.75	—	100.00	19272	
6.	Himachal Pradesh	6.78	11.36	18.88	14.12	17.15	15.55	7.51	8.64	—	100.00	8368	
7.	Jammu & Kashmir	0.73	3.60	9.48	11.43	16.33	27.99	15.81	14.59	0.04	100.00	9047	
8.	Karnataka	7.47	22.21	20.11	13.94	11.09	11.98	5.29	7.67	0.24	100.00	51986	
9.	Kerala	2.05	10.34	15.88	18.62	14.85	22.64	8.96	6.62	0.04	100.00	40228	
10.	Madhya Pradesh	5.38	14.60	14.02	13.04	11.50	15.28	8.95	17.07	0.17	100.00	92458	
11.	Maharashtra	5.12	19.79	17.57	14.74	10.90	12.92	6.84	12.09	0.03	100.00	90023	
12.	Manipur	8.46	3.60	10.40	20.82	16.47	24.59	8.21	4.82	2.63	100.00	1914	
13.	Meghalaya	3.45	11.66	17.46	18.07	15.24	14.16	14.46	5.50	—	100.00	2236	
14.	Orissa	6.64	20.50	20.62	16.60	10.57	16.89	6.05	6.48	0.34	100.00	51354	
15.	Punjab	1.73	11.63	12.78	12.36	16.08	14.54	8.96	19.50	—	100.00	545	
16.	Rajasthan	3.66	10.53	14.06	12.97	17.93	11.75	3.43	5.71	0.11	100.00	81438	
17.	Sikkim	1.25	28.23	18.89	17.93	17.93	11.75	4.20	5.71	0.10	100.00	3964	
18.	Tamil Nadu	7.58	25.88	21.68	14.07	10.19	10.57	1.91	1.79	0.01	100.00	185186	
19.	Tripura	5.86	28.94	32.60	16.08	5.36	7.37	9.12	16.84	0.08	100.00	91174	
20.	Uttar Pradesh	2.07	11.84	15.08	14.53	13.44	17.07	6.23	7.53	0.08	100.00	315	
21.	West Bengal	4.95	18.87	20.11	16.06	11.54	14.63	7.77	12.75	—	100.00	970	
22.	Andaman & Nicobar Island	2.34	10.64	20.35	18.75	10.50	16.90	4.25	5.67	2.88	100.00	99	
23.	Arunachal Pradesh	13.29	25.48	19.16	12.70	7.47	9.10	4.07	50.32	—	100.00	207	
24.	Chandigarh	8.87	1.44	8.85	10.63	0.93	14.89	4.03	1.77	—	100.00	105	
25.	Dadra & Nagar Haveli	2.23	26.60	18.72	17.13	9.34	20.18	4.03	—	—	100.00	1214	
26.	Daman & Diu	4.82	11.95	42.85	19.35	13.42	4.25	3.36	48.18	—	100.00	1365	
27.	Delhi	2.48	3.49	4.01	0.75	7.28	17.15	20.22	40.34	—	100.00	39	
28.	Goa	—	0.59	3.82	4.90	6.48	23.65	15.70	2.38	—	100.00	650	
29.	Lakshadweep	2.41	1.13	7.45	22.08	19.08	29.76	3.50	—	—	100.00	660	
30.	Mizoram	10.91	6.07	11.13	19.78	20.01	16.90	—	—	11.69	100.00	—	
31.	Pondicherry	11.21	38.06	26.69	11.05	5.11	5.34	—	—	—	100.00	—	
32.	All-India	4.36	16.43	17.86	15.21	12.13	14.85	7.48	11.53	0.16	100.00	1131026	

TABLE (2) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH LEVEL OF BUILDING

srl. no.	state/u.t.	plinth level of buildings (code)*						total	RURAL estima- ted number of house- holds (00)
		1	2	3	4	5	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	26.58	60.01	10.87	2.16	0.35	0.03	100.00	101557
2.	Assam	12.79	71.26	14.13	1.26	0.56	—	100.00	28411
3.	Bihar	35.81	53.94	9.07	0.50	0.32	0.36	100.00	117840
4.	Gujarat	30.05	63.92	5.08	0.62	—	0.33	100.00	59409
5.	Haryana	10.14	72.71	16.41	0.60	0.14	—	100.00	19272
6.	Himachal Pradesh	15.15	80.46	2.65	0.54	1.14	0.05	100.00	8368
7.	Jammu & Kashmir	23.39	61.95	12.05	1.61	0.97	0.04	100.00	9047
8.	Karnataka	24.17	60.41	13.25	1.58	0.41	0.18	100.00	51986
9.	Kerala	5.05	46.49	46.81	1.41	0.20	0.04	100.00	40228
10.	Madhya Pradesh	41.90	50.65	6.25	0.92	0.20	0.09	100.00	92387
11.	Maharashtra	33.13	54.63	10.09	1.41	0.74	—	100.00	90023
12.	Manipur	9.31	63.78	21.92	3.33	1.32	0.33	100.00	1914
13.	Meghalaya	11.11	75.99	12.10	0.64	0.16	—	100.00	2236
14.	Orissa	13.13	70.56	14.06	1.68	0.25	0.32	100.00	51354
15.	Punjab	30.57	64.99	4.19	0.14	0.06	0.04	100.00	25356
16.	Rajasthan	28.49	60.19	9.62	1.04	0.66	—	100.00	63561
17.	Sikkim	11.82	73.96	9.48	3.11	1.62	—	100.00	545
18.	Tamil Nadu	17.88	68.35	12.84	0.79	0.10	0.04	100.00	81438
19.	Tripura	4.06	73.57	18.55	3.71	—	0.10	100.00	3964
20.	Uttar Pradesh	32.30	60.07	6.69	0.75	0.17	0.01	100.00	185186
21.	West Bengal	4.93	74.66	17.24	2.36	0.68	0.12	100.00	91174
22.	Andaman & Nicobar Island	6.13	69.79	18.18	4.59	1.33	—	100.00	315
23.	Arunachal Pradesh	24.32	17.08	24.02	15.02	18.22	1.34	100.00	970
24.	Chandigarh	29.94	66.86	3.20	—	—	—	100.00	99
25.	Dadra & Nagar Haveli	19.22	70.51	10.27	—	—	—	100.00	207
26.	Daman & Diu	23.77	68.04	4.25	2.23	—	1.71	100.00	105
27.	Delhi	13.97	77.46	8.57	—	—	—	100.00	1214
28.	Goa	12.71	68.47	15.80	2.43	0.59	—	100.00	1365
29.	Lakshadweep	3.14	67.65	29.21	—	—	—	100.00	39
30.	Mizoram	57.60	21.98	9.21	7.23	2.81	1.17	100.00	650
31.	Pondicherry	23.35	68.00	7.24	1.41	—	—	100.00	660
32.	All-India	25.86	61.06	11.41	1.20	0.36	0.11	100.00	1130882

\*Plinth level of building (code) : No plinth—1, less than 0.5 mt.—2, 0.5 to 1 mt.—3, 1 to 2 mt.—4, 2mt. or more—5.

TABLE (3) : PERCENTAGE DISTRIBUTION OF HOUSEHOLD BY TYPE OF USE OF BUILDING

srl. no.	state/u.t.	type of use of building (code)							total	RURAL estimated number of house- holds (00)
		1	2	3	4	5	9	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Andhra Pradesh . . . . .	95.33	0.28	0.18	1.20	0.06	2.92	0.03	100.00	101557
2.	Assam . . . . .	99.27	0.17	0.13	0.32	—	0.12	—	100.00	28411
3.	Bihar . . . . .	98.26	0.39	0.26	0.57	0.03	0.18	0.31	100.00	117840
4.	Gujarat . . . . .	98.72	0.63	—	0.53	0.07	0.05	—	100.00	59409
5.	Haryana . . . . .	68.96	0.61	0.11	1.27	0.81	28.25	—	100.00	19272
6.	Himachal Pradesh . . . . .	86.48	0.61	0.15	1.83	0.42	10.46	0.05	100.00	8368
7.	Jammu & Kashmir . . . . .	95.49	1.18	0.33	1.41	—	1.55	0.04	100.00	9047
8.	Karnataka . . . . .	94.97	1.35	0.12	1.33	0.14	1.91	0.18	100.00	51986
9.	Kerala . . . . .	97.81	0.24	0.19	1.35	0.17	0.25	—	100.00	40228
10.	Madhya Pradesh . . . . .	97.60	0.48	0.14	0.36	0.05	1.28	0.09	100.00	92387
11.	Maharashtra . . . . .	93.15	0.81	0.15	2.29	0.29	3.29	0.02	100.00	90023
12.	Manipur . . . . .	99.07	0.38	—	—	—	—	0.55	100.00	1914
13.	Meghalaya . . . . .	98.76	1.05	—	—	0.19	—	—	100.00	2236
14.	Orissa . . . . .	97.68	0.73	0.05	0.37	0.24	0.62	0.32	100.00	51354
15.	Punjab . . . . .	75.59	0.39	0.14	1.44	0.12	22.28	0.04	100.00	25356
16.	Rajasthan . . . . .	91.30	0.36	0.21	1.75	0.09	6.29	—	100.00	63561
17.	Sikkim . . . . .	98.16	—	0.47	0.69	0.20	0.48	—	100.00	545
18.	Tamil Nadu . . . . .	95.38	1.62	0.12	1.54	0.14	1.20	—	100.00	81438
19.	Tripura . . . . .	98.62	0.32	0.31	0.33	—	0.32	0.10	100.00	3964
20.	Uttar Pradesh . . . . .	96.89	0.58	0.26	0.53	0.49	1.24	0.01	100.00	185186
21.	West Bengal . . . . .	96.61	1.38	0.11	0.59	—	1.31	—	100.00	91174
22.	Andaman & Nicobar Island . . . . .	95.80	0.40	0.65	2.83	—	0.32	—	100.00	315
23.	Arunachal Pradesh . . . . .	96.20	—	0.64	0.99	—	2.17	—	100.00	970
24.	Chandigarh . . . . .	100.00	—	—	—	—	—	—	100.00	99
25.	Dadra & Nagar Haveli . . . . .	94.31	—	—	0.53	—	5.16	—	100.00	207
26.	Daman & Diu . . . . .	96.68	—	—	1.61	—	—	1.71	100.00	105
27.	Delhi . . . . .	93.76	2.48	—	1.93	—	1.82	—	100.00	1214
28.	Goa . . . . .	93.30	—	—	3.15	0.61	2.94	—	100.00	1365
29.	Lakshadweep . . . . .	97.05	1.97	—	0.98	—	—	—	100.00	39
30.	Mizoram . . . . .	97.97	—	0.19	1.39	—	0.22	0.23	100.00	650
31.	Pondicherry . . . . .	98.58	0.53	—	0.48	—	0.41	—	100.00	660
32.	All-India . . . . .	95.31	0.69	0.16	0.97	0.18	2.61	0.07	100.00	1130882

\*Type of use of building (code) : residential—1; residential cum factory—2; residential cum office—3; residential cum shop—4; any combination of codes 2, 3 or 4-5, others—9.

TABLE (4): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF STRUCTURE OF BUILDING-CUM, SLUM AREA OR NOT

srl. no.	state/u.t.	slum/bustee			others			total			RURAL estd. no. of hhs.(00)				
		pucca	semi-pucca	katcha	all	pucca	semi-pucca	katcha	all	pucca		semi-pucca	katcha	n.r.	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1.	Andhra Pradesh	0.83	1.50	4.35	6.68	27.65	22.21	39.95	89.81	28.48	23.71	44.30	3.51	100.00	101557
2.	Assam	0.40	3.66	10.97	15.03	7.71	12.77	64.20	84.68	8.11	16.43	75.17	0.29	100.00	28411
3.	Bihar	0.70	2.48	3.63	6.81	17.58	25.87	49.32	92.57	18.28	28.35	52.95	0.41	100.00	117840
4.	Gujarat	0.70	3.24	0.70	4.65	33.44	44.65	17.27	95.35	34.14	47.89	17.97	0.00	100.00	59409
5.	Haryana	1.51	0.21	0.31	2.03	74.62	9.83	13.51	97.97	76.14	10.04	13.82	0.00	100.00	19272
6.	Himachal Pradesh	0.99	4.11	0.32	5.42	37.82	46.92	9.69	94.43	38.80	51.03	10.01	0.15	100.00	8368
7.	Jammu & Kashmir	0.47	1.47	0.27	2.22	27.90	46.36	23.49	97.74	28.37	47.83	23.76	0.04	100.00	9047
8.	Karnataka	0.76	3.59	3.03	7.38	23.51	47.54	21.38	92.43	24.27	51.13	24.41	0.18	100.00	51986
9.	Kerala	0.56	0.64	0.47	1.67	49.46	22.40	26.37	98.23	50.02	23.04	26.84	0.10	100.00	40228
10.	Madhya Pradesh	1.22	5.08	1.80	8.09	10.71	63.50	16.55	90.76	11.93	68.58	18.35	1.14	100.00	92387
11.	Maharashtra	3.31	5.84	3.34	12.49	29.26	43.41	14.84	87.51	32.58	49.25	18.17	0.00	100.00	90023
12.	Manipur	0.00	1.87	8.73	10.60	0.70	25.05	61.24	86.99	0.70	26.92	69.97	2.41	100.00	1914
13.	Meghalaya	1.40	0.67	2.88	4.96	20.81	16.20	48.95	85.96	22.21	16.87	51.83	9.08	100.00	2236
14.	Orissa	0.07	1.25	5.07	6.38	9.30	17.87	66.12	93.29	9.36	19.12	71.20	0.32	100.00	51354
15.	Punjab	1.66	1.09	0.72	3.47	65.32	13.70	17.36	96.38	66.98	14.80	18.07	0.15	100.00	25356
16.	Rajasthan	0.87	2.36	2.13	5.36	37.53	22.97	34.14	94.64	38.39	25.34	36.27	0.00	100.00	63561
17.	Sikkim	1.43	2.33	3.86	7.63	29.28	37.20	25.89	92.37	30.72	39.53	29.75	0.00	100.00	545
18.	Tamil Nadu	0.72	1.64	3.91	6.27	30.43	21.09	42.20	93.73	31.15	22.73	46.12	0.00	100.00	81438
19.	Tripura	0.51	1.26	7.08	8.85	2.77	12.96	75.31	91.05	3.29	14.22	82.39	0.10	100.00	3964
20.	Uttar Pradesh	0.78	1.03	1.85	3.66	27.36	26.33	42.59	96.28	28.14	27.37	44.44	0.06	100.00	185186
21.	West Bengal	0.35	0.75	2.84	3.95	13.00	31.93	50.89	95.83	13.35	32.68	53.74	0.23	100.00	91174
22.	Andaman & Nicobar Islands	0.00	0.00	1.01	1.01	38.92	16.77	43.30	98.99	38.92	16.77	44.31	0.00	100.00	315
23.	Arunachal Pradesh	0.76	0.76	47.04	48.55	1.75	12.82	36.13	50.70	2.51	13.58	83.17	0.75	100.00	970
24.	Chandigarh	0.00	0.00	0.00	0.00	75.31	8.79	15.90	100.00	75.31	8.79	15.90	0.00	100.00	99
25.	Dadra & Nagar Haveli	0.00	3.99	1.20	5.19	22.82	62.28	9.71	94.81	22.82	66.27	10.91	0.00	100.00	207
26.	Daman & Diu	3.39	3.75	2.76	9.89	37.29	44.58	6.53	88.40	40.68	48.33	9.29	1.71	100.00	105
27.	Delhi	5.59	0.00	0.00	5.59	80.59	12.52	1.31	94.41	86.17	12.52	1.31	0.00	100.00	1214
28.	Goa	0.00	0.00	0.00	0.00	33.11	61.74	5.15	100.00	33.11	61.74	5.15	0.00	100.00	1365
29.	Lakshadweep	1.14	0.00	0.00	1.14	83.22	13.25	2.39	98.86	84.36	13.25	2.39	0.00	100.00	39
30.	Mizoram	0.00	2.12	8.04	10.17	3.68	41.07	39.97	84.73	3.68	43.19	48.01	5.11	100.00	650
31.	Pondicherry	4.41	3.35	21.16	28.93	22.56	13.02	35.49	71.07	26.98	16.37	56.65	0.00	100.00	660
32.	All India	0.96	2.35	2.94	6.25	26.04	30.97	36.19	93.20	27.00	33.32	39.14	0.54	100.00	1130882

TABLE (5) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING

srl. no.	state/u.t.	flood risk (code)				total	estimated number of households (00)
		1	2	3	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	83.66	10.94	5.35	0.05	100.00	101557
2.	Assam	50.89	7.10	41.93	0.09	100.00	28411
3.	Bihar	62.54	11.73	25.32	0.41	100.00	117840
4.	Gujarat	89.56	6.22	4.21	—	100.00	59409
5.	Haryana	93.09	5.13	1.77	—	100.00	19272
6.	Himachal Pradesh	89.84	9.50	0.50	0.15	100.00	8368
7.	Jammu & Kashmir	83.13	9.65	7.18	0.04	100.00	9047
8.	Karnataka	93.14	6.14	0.45	0.27	100.00	51986
9.	Kerala	91.19	6.25	2.56	—	100.00	40228
10.	Madhya Pradesh	94.92	3.13	1.86	0.09	100.00	92387
11.	Maharashtra	93.50	4.70	1.77	0.03	100.00	90023
12.	Manipur	71.89	8.38	19.40	0.33	100.00	1914
13.	Meghalaya	96.89	1.16	1.95	—	100.00	2236
14.	Orissa	81.55	3.85	14.28	0.32	100.00	51354
15.	Punjab	70.62	22.83	6.51	0.04	100.00	25356
16.	Rajasthan	93.18	3.93	2.89	—	100.00	63561
17.	Sikkim	99.35	0.65	—	—	100.00	545
18.	Tamil Nadu	88.53	8.57	2.86	0.04	100.00	81438
19.	Tripura	93.09	1.94	4.87	0.10	100.00	3964
20.	Uttar Pradesh	76.16	14.26	9.55	0.03	100.00	185186
21.	West Bengal	65.21	14.20	20.53	0.06	100.00	91174
22.	Andaman & Nicobar Islands	90.70	7.87	1.43	—	100.00	315
23.	Arunachal Pradesh	92.93	5.19	1.50	0.38	100.00	970
24.	Chandigarh	94.33	5.67	—	—	100.00	99
25.	Dadra & Nagar Haveli	99.12	—	0.88	—	100.00	207
26.	Daman & Diu	88.65	—	9.64	1.71	100.00	105
27.	Delhi	90.95	9.05	—	—	100.00	1214
28.	Goa	94.91	5.09	—	—	100.00	1365
29.	Lakshadweep	84.29	0.98	14.73	—	100.00	39
30.	Mizoram	97.95	1.66	—	0.39	100.00	650
31.	Pondicherry	83.74	15.42	0.85	—	100.00	660
32.	All-India	81.43	9.14	9.33	0.10	100.00	1130882

Flood risk (code): No flood risk—1; water logging in monsoon with water entering premises—2; flood risk from river, sea etc.—3.

TABLE (6) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING AND LOCATION IN SLUM/BUSTEE

srl. no.	state/ut.	flood risk (code)															RURAL estd. no of house- holds (00)	
		1			2			3			n.r.			total				
		yes	no	total	yes	no	total	yes	no	total	total	yes	no	total	yes	no		total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)			
1.	Andhra Pradesh	2.92	77.69	80.60	3.52	7.02	10.54	.25	5.10	5.35	3.51	6.68	89.81	100.00	101557			
2.	Assam	9.42	41.26	50.68	0.38	6.72	7.10	5.23	36.69	41.93	0.30	15.03	84.67	100.00	28411			
3.	Bihar	4.87	57.67	62.54	0.42	11.28	11.70	1.51	23.78	25.29	0.48	6.80	92.73	100.00	117340			
4.	Gujarat	3.79	85.77	89.56	0.82	5.41	6.22	0.03	4.18	4.21	—	4.65	95.35	100.00	59409			
5.	Haryana	1.59	91.50	93.09	0.44	4.69	5.13	—	1.77	1.77	—	2.03	97.97	100.00	19272			
6.	Himachal Pradesh	5.15	84.69	89.84	0.27	9.24	9.50	—	0.50	0.50	0.15	5.42	94.43	100.00	8368			
7.	Jammu &	1.62	81.51	83.13	0.56	9.09	9.65	0.04	7.14	7.18	0.04	2.22	97.74	100.00	9047			
8.	Karnataka	6.73	86.41	93.14	0.59	5.55	6.14	0.06	0.39	0.45	0.27	7.38	92.34	100.00	51986			
9.	Kerala	1.53	89.57	91.09	0.15	6.10	6.25	—	2.56	2.56	0.10	1.67	98.23	100.00	40228			
10.	Madhya Pradesh	7.34	86.52	93.86	0.75	2.39	3.13	—	1.86	1.86	1.14	8.09	90.76	100.00	92387			
11.	Maharashtra	11.15	82.35	93.50	0.97	3.73	4.70	0.36	1.40	1.77	0.03	12.49	87.48	100.00	90023			
12.	Manipur	9.74	61.06	70.79	—	8.38	8.38	0.86	17.56	18.42	2.41	10.60	86.99	100.00	1914			
13.	Meghalaya	4.45	83.36	87.81	0.23	0.93	1.16	0.27	1.67	1.95	9.08	4.96	85.96	100.00	2236			
14.	Orissa	6.14	75.41	81.55	0.19	3.65	3.85	0.05	14.23	14.28	0.32	6.38	93.29	100.00	51354			
15.	Punjab	1.86	68.71	70.57	1.57	21.25	22.83	0.04	6.47	6.51	0.09	3.47	96.44	100.00	25356			
16.	Rajasthan	4.85	88.32	93.18	0.30	3.64	3.93	0.22	2.68	2.89	—	5.36	94.64	100.00	63561			
17.	Sikkim	7.63	91.72	99.35	—	0.65	0.65	—	—	—	—	7.63	92.37	100.00	545			
18.	Tamil Nadu	5.00	83.53	88.53	0.90	7.67	8.57	0.37	2.49	2.86	0.04	6.27	53.69	100.00	81438			
19.	Tripura	7.73	85.36	93.09	0.99	0.95	1.94	0.13	4.74	4.87	0.10	8.85	91.05	100.00	3964			
20.	Uttar Pradesh	2.63	73.51	76.14	0.61	13.65	14.26	0.42	9.13	9.55	10.05	3.66	96.30	100.00	185186			
21.	West Bengal	2.43	62.75	65.18	0.27	13.79	14.05	1.25	19.28	20.53	0.24	3.95	95.81	100.00	91174			
22.	Andaman &																	
23.	Nicobar Islands	1.01	89.69	90.70	—	7.87	7.87	—	1.43	1.43	—	1.01	98.99	100.00	315			
24.	Arunachal Pradesh.	42.68	49.70	92.38	4.18	1.00	5.19	1.50	—	1.50	0.93	48.37	50.70	100.00	970			
25.	Chandigarh	—	94.33	94.33	—	5.67	5.67	—	—	—	—	—	100.00	100.00	100.00			
26.	Dadra & Nagar																	
27.	Haveli	5.19	93.94	99.12	—	—	—	—	0.88	0.88	—	5.19	94.81	100.00	207			
28.	Daman & Diu	9.89	78.76	88.65	—	—	—	—	9.64	9.64	1.71	9.89	88.40	100.00	105			
29.	Delhi	5.59	85.37	90.95	—	9.05	9.05	—	—	—	—	5.59	94.41	100.00	1214			
30.	Goa	—	94.91	94.91	—	5.09	5.09	—	—	—	—	—	100.00	100.00	1365			
31.	Lakshadweep	1.14	83.14	84.29	—	0.98	0.98	—	14.73	14.73	—	1.14	98.86	100.00	39			
32.	Mizoram	10.17	83.25	93.42	—	1.32	1.32	—	—	—	5.27	10.17	84.57	100.00	650			
33.	Pondicherry	22.22	61.51	83.74	6.28	9.13	15.42	0.42	0.42	0.85	—	28.98	71.07	100.00	660			
34.	All-India	4.83	76.20	81.03	0.86	8.24	9.09	0.56	8.76	9.32	0.56	6.25	98.19	100.00	1130882			

\*Flood risk (code) : No flood risk—1, water logging in monsoon with water entering premises—2, the flood risk from river, sea, etc.—3.

TABLE (7): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY APPROACH ROAD TO BUILDING

srl. no.	state/u.t.	approach road (code)*							total	RURAL
		1	2	3	4	5	n.r.	estimated no. of households (00)		
										(1)
1.	Andhra Pradesh	29.05	48.23	14.75	2.77	5.20	0.00	100.00	101557	
2.	Assam	34.50	9.83	28.88	4.26	22.22	0.31	100.00	28411	
3.	Bihar	46.74	6.73	21.87	2.49	21.87	0.29	100.00	117840	
4.	Gujarat	37.82	25.99	11.57	10.53	14.00	0.09	100.00	59409	
5.	Haryana	3.68	23.16	55.75	2.11	15.31	0.00	100.00	19272	
6.	Himachal Pradesh	71.62	1.21	7.98	0.31	18.72	0.16	100.00	8386	
7.	Jammu & Kashmir	57.50	4.20	7.78	2.06	28.42	0.04	100.00	9047	
8.	Karnataka	31.11	43.66	11.88	7.61	5.58	0.16	100.00	51986	
9.	Kerala	49.78	26.51	13.72	3.03	6.91	0.05	100.00	40228	
10.	Madhya Pradesh	48.22	14.20	14.90	5.78	16.74	0.16	100.00	92387	
11.	Maharashtra	32.62	41.66	12.01	6.56	7.15	0.00	100.00	90023	
12.	Manipur	40.66	29.98	12.81	1.10	14.54	1.11	100.00	1914	
13.	Meghalaya	63.85	5.90	9.60	0.81	19.57	0.26	100.00	2236	
14.	Orissa	17.74	19.38	31.87	2.75	18.20	0.06	100.00	51354	
15.	Punjab	16.78	2.50	49.49	0.64	30.53	0.05	100.00	25356	
16.	Rajasthan	12.08	10.86	18.04	7.63	21.39	0.00	100.00	63561	
17.	Sikkim	76.10	12.48	7.12	1.62	2.68	0.00	100.00	545	
18.	Tamil Nadu	26.70	57.39	6.02	5.23	4.66	0.00	100.00	81438	
19.	Tripura	45.07	13.65	18.24	1.77	21.18	0.10	100.00	3964	
20.	Uttar Pradesh	42.34	7.29	21.62	1.87	26.78	0.09	100.00	185186	
21.	West Bengal	36.02	7.02	36.52	0.39	19.81	0.23	100.00	91174	
22.	Andaman & Nicobar Islands	30.28	44.34	5.01	4.83	15.54	0.00	100.00	315	
23.	Arunachal Pradesh	53.94	17.05	17.68	2.32	7.20	1.81	100.00	970	
24.	Chandigarh	22.01	27.12	8.45	39.72	2.70	0.00	100.00	99	
25.	Dadra & Nagar Haveli	65.72	19.79	9.39	2.04	3.06	0.00	100.00	207	
26.	Daman & Diu	9.71	69.92	3.75	16.61	0.00	0.00	100.00	105	
27.	Delhi	3.63	57.21	7.98	26.53	4.64	0.00	100.00	1214	
28.	Goa	60.24	33.81	4.61	1.34	0.00	0.00	100.00	1365	
29.	Lakshadweep	56.60	27.31	6.34	5.30	4.45	0.00	100.00	39	
30.	Mizoram	53.48	18.60	12.12	2.16	13.64	0.00	100.00	650	
31.	Pondicherry	21.38	72.93	3.10	0.00	2.60	0.00	100.00	660	
32.	All-India	37.46	22.26	19.86	4.01	16.30	0.11	100.00	1130882	

\*Approach road (code) : No direct opening to road-1, direct opening to electrified cartable road-2, non electrified cartable road-3; electrified other road-4; non electrified other road-5.



TABLE (8) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PROXIMITY OF BUILDING TO ANIMAL SHED

srl. no.	state/u.t.	animal shed (code)*				total	RURAL estima- ted no. of house- holds (00)
		1	2	3	n.r.		
		(1)	(2)	(3)	(4)		
1.	Andhra Pradesh	56.32	13.32	30.33	0.03	100.00	101557
2.	Assam	37.37	4.25	58.32	0.07	100.00	28411
3.	Bihar	51.91	27.21	20.30	0.58	100.00	117840
4.	Gujarat	61.47	14.91	23.58	0.05	100.00	59409
5.	Haryana	30.39	46.99	22.62	0.00	100.00	19272
6.	Himachal Pradesh	19.56	31.63	48.72	0.09	100.00	8368
7.	Jammu & Kashmir	26.30	45.02	28.60	0.08	100.00	9047
8.	Karnataka	50.34	32.16	17.46	0.03	100.0	51986
9.	Kerala	61.75	10.72	27.47	0.05	100.00	40228
10.	Madhya Pradesh	39.02	42.56	18.26	0.16	100.00	92387
11.	Maharashtra	42.20	26.36	31.40	0.04	100.00	90023
12.	Manipur	56.56	16.65	26.51	0.28	100.00	1914
13.	Meghalaya	40.73	3.43	55.72	0.13	100.00	2236
14.	Orissa	40.30	31.17	28.39	0.15	100.00	51354
15.	Punjab	16.16	53.51	30.24	0.09	100.00	25356
16.	Rajasthan	31.98	53.60	14.42	0.00	100.00	63561
17.	Sikkim	38.29	4.54	57.17	0.00	100.00	545
18.	Tamil Nadu	49.32	14.28	36.37	0.03	100.00	81438
19.	Tripura	50.49	10.23	30.19	0.10	100.00	3964
20.	Uttar Pradesh	34.06	31.10	34.75	0.09	100.00	185186
21.	West Bengal	43.39	25.80	30.53	0.27	100.00	91174
22.	Andaman & Nicobar Islands	61.09	3.43	35.48	0.00	100.00	315
23.	Arunachal Pradesh	68.61	11.77	18.75	0.87	100.00	970
24.	Chandigarh	5.23	22.00	72.77	0.00	100.00	99
25.	Dadra & Nagar Haveli	53.36	41.80	4.84	0.00	100.00	207
26.	Daman & Diu	84.20	6.21	9.59	0.00	100.00	105
27.	Delhi	59.03	23.80	17.16	0.00	100.00	1214
28.	Goa	57.51	5.40	37.09	0.00	100.00	1365
29.	Lakshadweep	81.40	3.87	14.73	0.00	100.00	39
30.	Mizoram	73.94	9.03	17.03	0.00	100.00	650
31.	Pondicherry	72.61	7.53	19.86	0.00	100.00	660
32.	All-India	43.90	27.72	28.25	0.14	100.00	1130882

\*Animal shed (code) : No animal shed-1; attached to the building 2; detached from the building-3.

TABLE (9) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY LOCATION IN SLUM/BUSTEE-CUM-DRAINAGE

RURAL

sr. no.	state/u. t.	slum/bustee					drainage arrangement (code)			others				n. r.				total	estimated no. of households	
		1	2+3	4	all	6	1	2+3	4	7	8	9	10	11	12	13	14			15
1.	Andhra Pradesh	6.01	0.67	0.00	6.68	73.55	14.85	1.33	89.73	3.59	79.56	15.53	1.33	100.00	101557					
2.	Assam	13.55	1.41	0.00	14.96	69.24	15.19	0.29	84.72	0.32	82.79	16.60	0.29	100.00	28411					
3.	Bihar	4.88	1.81	0.11	6.81	43.46	45.96	3.07	92.49	0.70	48.34	79.77	3.18	100.00	117840					
4.	Gujarat	4.41	0.16	0.07	4.65	75.36	12.43	7.57	92.35	0.00	79.77	12.59	7.65	100.00	59409					
5.	Haryana	1.19	0.75	0.10	2.03	24.82	69.33	3.82	97.97	0.00	26.01	70.07	3.91	100.00	19272					
6.	Himachal Pradesh	4.84	0.58	0.00	5.42	75.90	18.14	0.16	94.20	0.38	80.74	18.72	0.16	100.00	8368					
7.	Jammu & Kashmir	2.03	0.18	0.00	2.22	90.98	6.51	0.20	97.70	0.09	93.02	6.69	0.20	100.00	9047					
8.	Karnataka	6.32	0.96	0.00	7.28	74.57	16.88	0.84	92.29	0.43	80.89	17.84	0.84	100.00	51986					
9.	Kerala	1.67	0.00	0.00	1.67	92.89	4.78	0.36	98.03	0.30	94.56	4.78	0.36	100.00	40228					
10.	Madhya Pradesh	6.25	1.68	0.17	8.09	65.02	24.03	1.52	90.57	1.33	71.27	25.71	1.69	100.00	92387					
11.	Maharashtra	9.64	2.65	0.21	12.49	66.11	20.28	1.12	87.51	0.00	75.74	22.93	1.33	100.00	90023					
12.	Manipur	5.29	5.26	0.00	10.55	48.92	37.61	0.27	86.80	2.65	54.21	42.87	0.27	100.00	1914					
13.	Meghalaya	2.87	2.08	0.00	4.96	77.09	8.74	0.00	85.84	9.21	79.97	10.83	0.00	100.00	2236					
14.	Orissa	6.27	0.12	0.00	6.38	87.17	4.74	1.32	93.23	0.38	93.44	4.85	1.32	100.00	51354					
15.	Punjab	1.51	1.96	0.00	3.47	43.71	51.75	0.98	96.44	0.09	45.22	53.71	0.98	100.00	25356					
16.	Rajasthan	4.32	1.00	0.04	5.36	54.43	32.58	7.62	94.64	0.00	58.76	33.58	7.67	100.00	63561					
17.	Sikkim	6.52	1.11	0.00	7.63	85.81	6.40	92.37	0.16	92.37	0.00	7.51	0.16	100.00	545					
18.	Tamil Nadu	5.00	0.48	0.00	12.73	18.46	12.64	1.70	93.67	0.05	84.23	14.02	1.70	100.00	81438					
19.	Tripura	8.32	0.53	0.00	8.85	84.61	6.34	0.00	90.95	0.20	92.93	6.87	0.00	100.00	3964					
20.	Uttar Pradesh	1.27	2.10	0.29	3.66	26.57	61.72	7.87	96.17	0.18	27.84	63.82	8.16	100.00	185186					
21.	West Bengal	3.86	0.09	0.00	3.95	89.74	5.53	0.10	95.37	0.69	93.60	5.62	0.10	100.00	91174					
22.	Andaman & Nicobar Islands	0.52	0.49	0.00	1.01	69.92	29.06	0.00	98.99	0.00	70.44	29.56	0.00	100.00	315					
23.	Arunachal Pradesh	34.65	10.16	1.09	45.09	35.16	14.62	0.00	49.77	4.33	69.81	24.78	1.09	100.00	970					
24.	Chandigarh	0.00	0.00	0.00	0.00	15.60	81.20	3.20	100.00	0.00	15.60	81.20	3.20	100.00	99					
25.	Dadra & Nagar Haveli	5.00	0.19	0.00	5.19	86.83	6.78	0.19	93.79	1.02	91.83	6.97	0.19	100.00	207					
26.	Daman & Diu	3.36	6.53	0.00	9.89	58.43	23.53	4.46	86.42	3.69	61.79	30.06	4.46	100.00	105					
27.	Delhi	0.00	5.59	0.00	5.59	4.50	85.60	4.30	94.41	0.00	4.50	91.19	4.30	100.00	1214					
28.	Goa	0.00	0.00	0.00	0.00	90.75	7.04	2.21	100.00	0.00	90.75	7.04	2.21	100.00	1365					
29.	Lakshadweep	1.14	0.00	0.00	1.14	98.86	0.00	0.00	98.86	0.00	100.00	0.00	0.00	100.00	39					
30.	Mizoram	5.08	5.09	0.00	10.17	76.85	7.31	0.34	84.50	5.33	81.93	12.39	0.34	100.00	651					
31.	Pondicherry	28.93	0.00	0.00	28.93	68.14	2.93	0.00	71.07	0.00	97.07	2.93	0.00	100.00	660					
32.	All-India	4.92	1.23	0.10	6.24	61.93	28.03	3.12	93.07	0.68	66.85	29.26	3.21	100.00	1130882					

Drainage arrangement (code) : No drainage-1; open katcha drainage-2; open pucca drainage-3; covered or under-ground drainage-4

Note : n. r. includes the cases of slum/bustee and/or drainage.

TABLE (10) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF COMPOUND WALL OF BUILDING.

RURAL

srl. no.	state/u.t.	compound wall						total	estima- ted no. of house- holds (00)
		no. wall	pucca wall	katcha wall	fence	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	79.28	9.23	5.84	4.17	1.45	0.04	100.00	101557
2.	Assam	44.83	0.57	9.59	29.68	15.14	0.19	100.00	28411
3.	Bihar	83.66	3.02	6.86	5.02	1.10	0.34	100.00	117840
4.	Gujarat	62.50	7.06	6.31	14.54	9.50	0.09	100.00	59409
5.	Haryana	29.34	47.77	20.88	1.43	0.58	0.00	100.00	19272
6.	Himachal Pradesh	75.59	4.26	4.20	1.08	14.78	0.09	100.00	8368
7.	Jammu & Kashmir	79.48	7.22	10.35	0.95	1.93	0.07	100.00	9047
8.	Karnataka	90.66	2.74	2.85	1.41	0.31	0.03	100.00	51986
9.	Kerala	77.53	5.45	1.30	9.36	6.20	0.17	100.00	40228
10.	Madhya Pradesh	71.08	3.57	12.37	8.86	3.89	0.22	100.00	92387
11.	Maharashtra	85.78	4.52	5.78	3.07	0.80	0.05	100.00	90023
12.	Manipur	63.94	0.55	9.90	22.27	3.10	0.24	100.00	1914
13.	Meghalaya	85.16	0.27	4.25	7.49	2.60	0.24	100.00	2236
14.	Orissa	85.04	2.39	4.66	7.11	0.41	0.38	100.00	51354
15.	Punjab	22.34	52.37	24.58	0.15	0.52	0.04	100.00	25356
16.	Rajasthan	45.43	17.34	21.83	14.15	1.25	0.00	100.00	63561
17.	Sikkim	89.70	0.32	1.96	7.70	0.32	0.00	100.00	545
18.	Tamil Nadu	84.33	5.40	4.85	4.49	0.94	0.00	100.00	81438
19.	Tripura	72.27	0.25	10.46	12.53	4.40	0.10	100.00	3964
20.	Uttar Pradesh	66.26	13.05	19.19	0.46	0.93	0.10	100.00	185186
21.	West Bengal	75.82	4.67	14.50	3.55	1.20	0.26	100.00	91174
22.	Andaman & Nicobar Islands	65.31	0.09	0.86	30.44	3.30	0.00	100.00	315
23.	Arunachal Pradesh	67.18	0.71	13.32	10.48	4.78	3.54	100.00	970
24.	Chandigarh	64.15	34.15	0.00	1.70	0.00	0.00	100.00	99
25.	Dadra & Nagar Haveli	84.84	0.00	1.60	13.37	0.19	0.00	100.00	207
26.	Daman & Diu	63.68	3.36	9.49	23.47	0.00	0.00	100.00	105
27.	Delhi	40.81	58.44	0.00	0.00	0.75	0.00	100.00	1214
28.	Goa	70.17	13.56	5.56	8.10	2.60	0.00	100.00	1365
29.	Lakshadweep	87.70	0.00	3.07	9.83	0.00	0.00	100.00	39
30.	Mizoram	87.07	0.32	6.94	3.98	1.69	0.00	100.00	650
31.	Pondicherry	94.96	4.41	0.00	0.63	0.00	0.00	100.00	660
32.	All-India	72.37	8.65	10.67	5.85	2.33	0.14	100.00	1130882

TABLE (11) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY OWNERSHIP OF DWELLING UNIT

srl. no.	state/u.t.	ownership of dwelling					RURAL
		owned	hired	others	n.r.	total	estimated
							no. of
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	87.45	5.14	6.98	0.43	100.00	101557
2.	Assam	87.95	0.46	10.11	1.49	100.00	28411
3.	Bihar	94.29	0.89	3.48	1.34	100.00	117840
4.	Gujarat	94.34	2.16	3.46	0.04	100.00	59409
5.	Haryana	96.09	2.07	1.74	0.11	100.00	19272
6.	Himachal Pradesh	90.66	4.87	3.42	1.05	100.00	8368
7.	Jammu & Kashmir	97.27	1.28	1.38	0.08	100.00	9047
8.	Karnataka	88.72	4.22	6.02	0.04	100.00	51986
9.	Kerala	91.33	3.82	4.82	0.02	100.00	40228
10.	Madhya Pradesh	87.44	2.00	10.43	0.14	100.00	92413
11.	Maharashtra	86.31	6.31	7.49	0.00	100.00	90023
12.	Manipur	98.56	0.00	1.07	0.37	100.00	1914
13.	Meghalaya	93.82	2.76	3.42	0.00	100.00	2236
14.	Orissa	92.31	2.48	5.04	0.17	100.00	51354
15.	Punjab	92.44	2.83	4.58	0.15	100.00	25356
16.	Rajasthan	90.15	5.90	3.90	0.05	100.00	63561
17.	Sikkim	82.50	12.63	4.45	0.41	100.00	545
18.	Tamil Nadu	83.87	7.74	8.36	0.03	100.00	81438
19.	Tripura	87.87	4.53	7.60	0.00	100.00	3964
20.	Uttar Pradesh	96.16	1.48	2.25	0.11	100.00	185186
21.	West Bengal	93.00	1.79	5.11	0.11	100.00	91174
22.	Andaman & Nicobar Islands	49.52	12.00	38.48	0.00	100.00	315
23.	Arunachal Pradesh	81.56	0.58	16.52	1.34	100.00	970
24.	Chandigarh	34.44	64.55	1.01	0.00	100.00	999
25.	Dadra & Nagar maveli	78.31	7.81	13.88	0.00	100.00	207
26.	Daman & Diu	85.41	8.12	6.48	0.00	100.00	105
27.	Delhi	83.86	8.71	7.44	0.00	100.00	1214
28.	Goa	86.42	7.73	5.85	0.00	100.00	1365
29.	Lakshadweep	83.70	10.28	6.02	0.00	100.00	39
30.	Mizoram	86.26	12.99	0.45	0.30	100.00	650
31.	Pondicherry	88.44	4.27	7.30	0.00	100.00	660
32.	All India	90.99	3.32	5.41	0.29	100.00	1130907

TABLE (12) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLING FOR EACH STATE/UT AND ALL-INDIA.

RURAL

srl. no.	state/u.t.	type of dwelling							total	estima- ted no. of house- holds (00)
		no dwelling	independ- ent	flat	chawl	others	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1.	Andhra Pradesh	0.00	70.90	6.90	4.58	17.60	0.02	100.00	101557	
2.	Assam	0.00	95.58	0.20	0.50	3.18	0.54	100.00	28411	
3.	Bihar	0.00	81.02	2.94	2.20	13.67	0.16	100.00	117840	
4.	Gujarat	0.04	95.75	0.66	2.25	1.30	0.00	100.00	59435	
5.	Haryana	0.00	80.04	7.83	0.20	11.93	0.00	100.00	19272	
6.	Himachal Pradesh	0.00	87.27	10.12	0.13	2.48	0.00	100.00	8368	
7.	Jammu & Kashmir	0.00	79.04	3.73	0.00	17.07	0.16	100.00	9047	
8.	Karnataka	0.00	87.89	0.89	5.12	5.90	0.19	100.00	51986	
9.	Kerala	0.00	93.92	1.43	0.44	4.00	0.20	100.00	40218	
10.	Madhya Pradesh	0.05	85.57	0.65	3.80	9.92	0.00	100.00	92458	
11.	Maharashtra	0.00	69.90	0.46	10.47	19.11	0.06	100.00	90623	
12.	Manipur	0.00	88.18	3.29	1.37	6.37	0.79	100.00	1914	
13.	Meghalaya	0.00	97.47	0.34	0.91	1.10	0.17	100.00	2236	
14.	Orissa	0.00	83.52	2.76	6.47	7.20	0.05	100.00	51354	
15.	Punjab	0.19	84.33	2.24	0.59	12.64	0.00	100.00	25403	
16.	Rajasthan	0.00	77.45	1.37	1.11	20.08	0.00	100.00	63561	
17.	Sikkim	0.00	88.28	5.74	2.10	3.87	0.00	100.00	545	
18.	Tamil Nadu	0.00	79.11	4.51	2.12	14.20	0.07	100.00	81438	
19.	Tripura	0.00	87.17	1.02	10.42	0.70	0.69	100.00	3964	
20.	Uttar Pradesh	0.00	85.96	1.91	0.85	11.18	0.10	100.00	185186	
21.	West Bengal	0.00	84.79	4.91	1.02	9.17	0.11	100.00	91134	
22.	Andaman & Nicobar Island	0.00	63.84	21.10	2.69	12.37	0.00	100.00	315	
23.	Arunachal Pradesh	0.00	75.21	0.38	9.30	13.61	1.51	100.00	970	
24.	Chandigarh	0.00	26.67	3.46	3.41	66.46	0.00	100.00	99	
25.	Dadra & Nagar Haveli	0.00	85.06	0.00	9.08	5.67	0.00	100.00	107	
26.	Daman & Diu	0.00	91.33	0.00	8.67	0.00	0.00	100.00	105	
27.	Delhi	0.00	75.91	16.73	2.44	4.91	0.00	100.00	1214	
28.	Goa	0.00	88.71	1.57	0.00	9.73	0.00	100.00	1365	
29.	Lakshadweep	0.00	93.77	1.26	2.44	2.53	0.00	100.00	39	
30.	Mizoram	0.00	94.47	0.34	2.68	1.00	1.52	100.00	650	
31.	Pondicherry	0.00	86.23	2.69	5.34	5.75	0.00	100.00	660	
32.	All-India	0.01	82.56	2.71	2.98	11.65	0.09	100.00	1131026	

TABLE (13) : PERCENTAGE DISTRIBUTION OF HIRED DWELLINGS BY MONTHLY RENT CLASS AND AVERAGE AMOUNT OF RENT (IN RS.) FOR THOSE DWELLING IN EACH RENT CLASS

RURAL

sr. no.	state / u. t.	monthly rent class (in Rs.)											total	estd. no. of hhs. (00)	no. of sample hhs.	
		0-50	50-100	100-250	250-500	500 & above	n. r.	% of aver- age hhs. rent	% of aver- age hhs. rent	% of aver- age hhs. rent	% of aver- age hhs. rent	% of aver- age hhs. rent				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	Andhra Pradesh	59.63	30.97	13.13	77.50	19.78	145.06	2.79	337.91	20.49	743.22	1.97	85.36	85.36	5224	145
2.	Assam	0.00	0.00	46.43	83.33	38.09	168.73	0.00	0.00	0.00	0.00	15.48	100.00	102.96	131	7
3.	Bihar	61.91	30.45	26.15	83.88	7.19	163.73	0.00	0.00	0.00	0.00	4.75	100.00	52.56	1045	30
4.	Gujarat	59.87	31.49	25.10	75.48	12.54	150.00	2.49	350.00	0.00	0.00	0.00	100.00	65.34	1284	35
5.	Haryana	51.09	36.70	42.42	82.38	6.49	127.50	0.00	0.00	0.00	0.00	0.00	100.00	71.97	399	20
6.	Himachal Pradesh	65.13	32.61	31.65	75.50	3.22	142.13	0.00	0.00	0.00	0.00	0.00	100.00	49.71	408	40
7.	Jammu & Kashmir	50.23	29.30	13.28	80.11	23.36	163.62	6.00	335.00	0.00	0.00	7.14	100.00	83.68	115	28
8.	Karnataka	59.78	29.19	26.28	78.98	9.63	172.19	0.98	350.00	0.00	0.00	3.33	100.00	58.23	2712	91
9.	Kerala	36.88	39.44	20.28	78.48	31.74	159.22	8.72	377.35	2.38	873.04	0.00	100.00	134.66	1536	71
10.	Madhya Pradesh	70.71	29.44	20.25	68.80	5.04	180.27	0.00	0.00	0.00	0.00	4.00	100.00	43.84	1849	44
11.	Maharashtra	44.53	30.60	35.08	77.00	18.20	168.84	1.61	355.07	0.00	0.00	0.58	100.00	77.09	5677	160
12.	Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00
13.	Meghalaya	6.80	30.00	38.56	78.19	35.65	156.26	7.31	300.00	7.31	700.00	4.37	100.00	160.98	62	15
14.	Orissa	73.71	25.84	15.13	83.67	11.16	150.00	0.00	0.00	0.00	0.00	0.00	100.00	48.45	1274	27
15.	Punjab	50.23	41.33	29.25	87.56	14.39	184.34	0.00	0.00	0.00	0.00	6.13	100.00	72.90	717	46
16.	Rajasthan	17.63	34.04	81.65	74.41	0.82	175.00	0.00	0.00	0.00	0.00	0.00	100.00	68.16	3753	31
17.	Sikkim	20.18	50.00	24.11	78.99	41.09	172.74	14.63	342.15	0.00	0.00	0.00	100.00	150.30	69	51
18.	Tamil Nadu	63.16	24.88	20.77	83.90	11.35	174.05	0.44	500.00	0.00	0.00	4.27	100.00	55.13	6302	193
19.	Tripura	49.19	39.50	19.86	66.14	11.19	148.63	3.66	343.00	0.00	0.00	16.09	100.00	61.72	180	27
20.	Uttar Pradesh	57.71	18.50	29.42	76.94	6.79	137.76	3.46	321.96	0.00	0.00	2.62	100.00	53.82	2748	57
21.	West Bengal	43.60	34.20	25.35	73.75	12.77	118.14	4.28	400.00	0.00	0.00	14.01	100.00	65.80	1628	38
22.	Andaman & Nicobar Island	35.35	36.46	38.86	87.17	23.10	181.67	0.00	0.00	2.68	800.00	0.00	100.00	110.18	38	42
23.	Arunachal Pradesh	0.00	0.00	0.00	0.00	100.00	200.00	0.00	0.00	0.00	0.00	0.00	100.00	200.00	6	2
24.	Chandigarh	21.24	33.62	12.46	66.88	64.08	149.77	2.22	300.00	0.00	0.00	0.00	100.00	118.11	64	28
25.	Dadra & Nagar Haveli	0.00	0.00	52.27	95.41	47.73	134.76	0.00	0.00	0.00	0.00	0.00	100.00	114.19	16	11
26.	Daman & Diu	54.94	30.00	45.06	81.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	53.27	8	4
27.	Delhi	0.00	0.00	15.03	100.00	67.21	186.36	0.00	0.00	0.00	0.00	17.16	100.00	140.28	106	5
28.	Goa	20.14	29.91	49.94	88.94	0.00	0.00	11.03	300.00	9.90	550.00	0.00	100.00	140.64	106	10
29.	Lakshadweep	19.26	50.00	0.00	0.00	43.71	121.71	37.03	364.23	0.00	0.00	0.00	100.00	197.61	4	10
30.	Mizoram	23.80	36.32	48.22	81.70	24.29	172.18	1.72	500.00	0.00	0.00	1.97	100.00	98.48	84	61
31.	Pondicherry	57.93	33.54	29.16	83.93	12.91	150.00	0.00	0.00	0.00	0.00	0.00	100.00	5.27	28	9
32.	All-India	51.98	28.97	30.00	77.54	12.98	159.41	1.77	359.74	0.49	757.36	2.78	100.00	69.08	37570	1338

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

ALL INDIA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.69	0.70	25.55	6.03	4.61	2.94
2.	10—20	1.62	0.64	22.67	6.01	3.62	3.15
3.	20—30	1.72	0.71	23.96	7.18	4.54	3.21
4.	30—40	1.62	0.67	22.41	6.18	3.78	3.36
5.	40—50	1.82	0.78	39.42	7.85	4.59	3.32
6.	50—60	1.79	0.76	26.53	7.72	7.19	3.39
7.	60—70	1.86	0.87	27.34	8.93	4.77	3.95
8.	70—80	1.78	0.84	25.58	8.46	4.69	3.62
9.	80—90	1.93	0.96	28.05	9.53	5.87	4.04
10.	90—95	2.04	1.19	29.49	12.47	9.75	3.50
11.	95—100	2.07	1.20	32.33	13.28	6.37	4.32
12.	n.r.	1.78	0.79	27.78	8.43	4.53	5.01
13.	all classes	1.80	0.83	27.37	8.36	5.29	3.55
14.	estd. no. of room/area (00)	2039784	942923	30956770	9456350	5979395	4017638

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

ANDHRA PRADESH		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.21	0.56	18.79	4.38	1.78	2.97
2.	10—20	1.27	0.44	18.46	4.26	1.75	2.70
3.	20—30	1.33	0.50	18.81	6.00	2.26	2.68
4.	30—40	1.19	0.50	17.01	3.94	1.74	4.73
5.	40—50	1.27	0.44	19.47	4.07	2.44	2.57
6.	50—60	1.32	0.72	18.48	5.65	2.71	3.70
7.	60—70	1.37	0.60	18.62	5.45	2.44	3.66
8.	70—80	1.41	0.70	22.05	7.04	2.05	4.88
9.	80—90	1.41	0.72	19.93	6.91	1.67	4.94
10.	90—95	1.43	0.75	21.05	7.37	2.36	4.55
11.	95—100	1.80	1.01	30.59	10.60	4.20	6.42
12.	n.r.	1.42	1.14	17.03	9.25	1.16	3.97
13.	all classes	1.36	0.63	20.15	5.97	2.26	4.03
14.	estd. no. of room/area (00)	138320	64395	2045958	606386	229822	409635

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

ASSAM		RURAL					
srl. no.	fractile classes	average number of		average area (square meter) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.43	1.29	28.80	9.85	2.43	4.26
2.	10—20	2.10	1.26	28.04	12.47	1.68	5.88
3.	20—30	2.07	1.29	26.00	13.25	1.41	6.67
4.	30—40	2.45	1.66	34.96	15.17	3.54	6.53
5.	40—50	2.52	1.25	30.47	12.99	2.62	4.75
6.	50—60	2.29	1.35	29.22	13.99	3.12	5.96
7.	60—70	2.38	1.48	29.61	16.04	4.09	5.26
8.	70—80	2.62	1.95	27.37	12.96	3.56	6.04
9.	80—90	2.17	1.38	29.15	15.47	3.72	4.85
10.	90—95	2.29	1.40	34.14	15.82	9.53	4.86
11.	95—100	2.24	1.30	25.62	11.87	4.20	4.29
12.	n.r.	2.30	1.13	33.67	10.81	2.02	4.59
13.	all classes	2.32	1.42	29.36	13.61	3.45	5.41
14.	estd. no. of room/area (00)	66044	40358	834007	386780	97936	153721

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

BIHAR		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.10	0.95	24.93	7.78	12.44	1.56
2.	10—20	1.96	0.74	25.31	6.44	4.20	3.66
3.	20—30	1.83	0.54	26.12	5.92	4.20	3.36
4.	30—40	1.71	0.71	26.04	7.22	3.89	3.20
5.	40—50	2.09	0.70	31.69	7.35	4.59	3.06
6.	50—60	2.08	0.78	42.22	11.27	30.19	3.44
7.	60—70	2.09	0.69	29.05	7.18	5.81	2.64
8.	70—80	2.11	0.71	30.46	8.92	6.63	3.42
9.	80—90	1.95	0.79	31.90	8.31	7.09	4.60
10.	90—95	2.32	0.78	44.36	19.52	50.13	3.09
11.	95—100	2.25	0.84	35.13	11.30	9.34	3.63
12.	n.r.	1.81	0.83	27.37	7.70	6.13	1.74
13.	all classes	2.03	0.75	31.23	8.87	11.37	3.28
14.	estd. no. of room/area (00)	238723	88004	3679764	1045269	1339819	380012



TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

GUJARAT		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.17	0.22	17.95	1.97	5.50	0.14
2.	10—20	1.42	0.23	22.26	1.59	7.78	0.39
3.	20—30	1.59	1.03	23.95	14.11	17.98	0.75
4.	30—40	1.31	0.70	21.66	6.10	8.53	3.35
5.	40—50	1.47	0.55	22.94	5.50	7.41	2.86
6.	50—60	1.37	0.62	23.72	5.16	7.06	4.17
7.	60—70	1.54	0.78	28.91	9.01	8.05	4.04
8.	70—80	1.90	1.04	30.05	12.60	12.40	1.82
9.	80—90	1.72	1.02	28.30	8.69	8.58	2.80
10.	90—95	1.99	1.13	30.01	12.59	9.36	1.19
11.	95—100	1.95	1.32	34.94	14.52	9.33	17.84
12.	n.r.	2.09	0.68	38.16	4.36	13.30	16.29
13.	all classes	1.58	0.77	25.75	8.04	9.30	3.68
14.	estd. no. of room/area (00)	93712	45776	529567	477903	552214	15909

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

HARYANA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.81	0.80	23.69	6.96	1.58	0.75
2.	10—20	1.94	0.86	27.92	7.58	1.82	1.02
3.	20—30	1.86	1.00	26.86	10.64	2.31	0.82
4.	30—40	1.88	1.03	26.99	8.63	1.59	0.58
5.	40—50	2.09	1.15	33.98	10.41	3.11	0.51
6.	50—60	1.91	1.15	35.47	12.17	3.34	0.82
7.	60—70	2.43	1.58	41.90	17.68	5.27	2.86
8.	70—80	2.23	1.25	37.11	13.73	3.95	1.95
9.	80—90	2.58	1.57	45.50	18.38	5.94	0.66
10.	90—95	2.70	1.29	41.78	15.83	3.56	1.21
11.	95—100	2.40	1.84	46.56	20.28	5.59	2.18
12.	n.r.	1.00	0.00	11.00	0.00	0.00	0.00
13.	all classes	2.15	1.22	35.05	12.80	3.47	1.20
14.	estd. no. of room/area (00)	41430	23526	675502	246746	66864	23178

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNITS BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

HIMACHAL PRADESH		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.12	1.18	37.68	14.89	2.81	4.94
2.	10—20	2.35	0.72	36.37	10.06	2.55	7.61
3.	20—30	2.12	0.91	32.31	11.97	2.42	6.65
4.	30—40	2.63	0.94	35.35	9.11	4.32	5.14
5.	40—50	2.82	1.03	35.38	11.39	4.99	5.36
6.	50—60	2.52	1.18	34.57	14.35	4.76	4.35
7.	60—70	2.66	1.26	33.36	12.84	5.88	4.71
8.	70—80	2.64	0.95	35.75	10.30	6.20	4.94
9.	80—90	2.92	1.63	37.00	15.63	8.31	3.86
10.	90—95	2.89	1.44	36.30	14.03	6.39	7.16
11.	95—100	2.61	1.25	34.54	10.66	6.06	2.12
12.	n.r.	3.37	1.75	59.29	14.02	20.01	0.00
13.	all classes	2.58	1.14	35.37	12.27	5.11	5.06
14.	estd. no. of room/area (00)	21604	9514	295990	102687	42743	42385

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

JAMMU & KASHMIR		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.83	1.10	35.10	16.81	2.36	2.70
2.	10—20	2.10	1.19	40.21	18.70	1.08	4.67
3.	20—30	2.17	1.09	36.68	14.05	1.78	3.43
4.	30—40	2.29	1.31	38.44	19.30	1.73	3.07
5.	40—50	2.03	1.14	35.96	14.50	1.17	3.16
6.	50—60	2.40	1.70	40.43	19.46	2.06	2.27
7.	60—70	2.27	1.66	36.88	21.07	2.04	2.38
8.	70—80	2.25	1.38	35.40	16.90	1.65	2.33
9.	80—90	2.49	1.70	37.30	19.85	1.43	1.74
10.	90—95	2.32	1.53	40.09	19.40	1.09	4.25
11.	95—100	2.12	1.27	33.55	15.60	2.84	3.28
12.	n.r.	1.65	1.40	31.93	17.09	6.86	3.59
13.	all classes	2.21	1.38	37.18	17.79	1.78	2.94
14.	estd. no. of room/area (00)	19986	12463	336323	160928	16137	26609

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNITS BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

KARNATAKA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.25	1.23	77.23	9.69	1.34	1.53
2.	10—20	1.28	1.22	16.38	8.92	2.55	1.00
3.	20—30	1.36	1.07	17.95	9.23	1.54	1.61
4.	30—40	1.56	0.98	24.67	10.01	2.96	1.41
5.	40—50	1.35	1.22	17.94	10.15	3.12	1.13
6.	50—60	1.44	1.31	19.75	10.85	1.83	1.29
7.	60—70	1.38	1.11	19.04	10.08	2.26	1.41
8.	70—80	1.43	1.22	27.40	10.30	2.06	1.86
9.	80—90	1.50	1.19	21.64	12.88	2.34	1.51
10.	90—95	1.71	2.46	22.32	14.58	2.69	1.44
11.	95—100	1.78	1.66	24.87	17.80	4.41	2.19
12.	n.r.	1.10	1.01	9.18	10.57	0.00	0.31
13.	all classes	1.52	1.30	25.21	11.21	2.43	1.49
14.	estd. no. of room/area (00)	79097	67392	1310540	582753	126406	77264

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

KERALA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.12	1.33	19.53	8.89	1.13	4.64
2.	10—20	2.33	1.29	20.96	9.57	2.05	4.80
3.	20—30	2.38	1.42	20.83	10.02	2.58	5.51
4.	30—40	2.57	1.41	24.38	10.66	2.54	5.57
5.	40—50	2.53	1.51	23.09	10.74	1.93	5.09
6.	50—60	2.90	1.60	25.98	11.13	2.62	5.54
7.	60—70	2.65	1.57	26.13	11.32	1.98	5.51
8.	70—80	2.74	1.76	27.31	13.70	2.59	4.78
9.	80—90	3.04	2.08	30.18	15.80	3.16	4.91
10.	90—95	3.69	2.89	40.76	22.57	4.05	6.35
11.	95—100	3.22	2.46	38.64	20.20	3.98	4.01
12.	n.r.	2.58	1.91	27.33	13.41	2.27	6.91
13.	all classes	2.73	1.73	26.74	12.89	2.56	5.14
14.	estd. no. of room/area (00)	109713	69467	1075715	518683	102909	206592

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MADHYA PRADESH		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.69	0.55	26.91	8.28	3.56	1.84
2.	10—20	1.65	0.63	29.06	6.51	4.78	3.01
3.	20—30	1.69	0.49	27.18	5.78	6.05	3.24
4.	30—40	1.90	0.54	30.14	7.46	5.51	2.96
5.	40—50	1.80	0.67	27.90	6.59	4.85	2.96
6.	50—60	1.94	0.67	192.08	10.32	7.02	3.00
7.	60—70	2.12	0.61	35.15	9.17	5.43	4.30
8.	70—80	1.95	0.66	31.13	9.67	6.38	4.76
9.	80—90	1.89	0.66	34.97	8.95	7.90	4.54
10.	90—95	1.91	0.56	33.06	9.92	6.60	3.77
11.	95—100	2.15	0.94	34.18	10.28	7.05	5.71
12.	n. r.	1.90	0.68	32.55	13.23	4.72	8.89
13.	all classes	1.88	0.63	45.89	8.41	5.96	3.71
14.	estd. no. of room/area (oo)	173351	58463	4240606	777328	551202	342723

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MAHARASHTRA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	losed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.30	0.34	22.82	3.01	2.34	1.19
2.	10—20	1.28	0.35	21.51	3.64	2.49	1.19
3.	20—30	1.46	0.49	19.95	4.41	2.78	1.37
4.	30—40	1.38	0.50	19.26	4.88	3.45	1.32
5.	40—50	1.46	0.48	21.18	5.72	3.34	1.27
6.	50—60	1.43	0.53	21.58	5.46	3.73	1.31
7.	60—70	1.37	0.58	21.91	6.47	3.28	1.26
8.	70—80	1.45	0.53	20.76	5.50	2.97	1.08
9.	80—90	1.58	0.66	20.78	6.92	3.09	1.71
10.	90—95	1.61	0.79	21.20	7.50	3.19	0.82
11.	95—100	1.65	0.85	44.11	28.51	9.08	1.86
12.	n.r.	1.48	0.41	25.82	4.80	0.07	5.54
13.	all classes	1.45	0.55	22.73	7.02	3.50	1.33
14.	estd. no. of room/area (oo)	130192	49116	2046119	632132	314793	120083

TABLE(14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MANIPUR		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.20	0.92	41.42	9.14	10.48	1.72
2.	10—20	2.18	0.84	37.54	4.66	5.23	2.26
3.	20—30	2.46	0.47	40.02	4.73	7.70	4.03
4.	30—40	2.34	0.89	35.96	9.80	9.57	8.28
5.	40—50	2.42	0.61	34.44	7.11	4.83	4.80
6.	50—60	2.79	1.14	35.41	13.60	5.96	2.51
7.	60—70	2.90	1.02	38.65	11.93	3.59	6.49
8.	70—80	2.23	0.97	39.12	29.15	5.81	3.15
9.	80—90	2.39	1.17	69.64	21.76	3.91	4.80
10.	90—95	2.16	0.79	102.95	7.02	23.09	5.78
11.	95—100	2.33	1.44	32.13	11.37	8.01	2.50
12.	n.r.	2.21	0.67	36.44	7.35	5.04	7.71
13.	all classes	2.41	0.94	44.79	12.57	7.31	4.32
14.	estd. no. of room/area (oo)	4610	1793	85756	24059	14000	8264

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## MEGHALAYA

## RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.47	1.40	79.74	33.68	7.35	2.12
2.	10—20	1.64	1.06	44.02	19.81	1.47	2.13
3.	20—30	1.75	0.99	45.19	16.59	0.99	0.74
4.	30—40	1.71	1.21	44.68	21.37	1.56	2.04
5.	40—50	2.00	1.07	37.40	14.42	0.70	2.10
6.	50—60	1.83	1.16	34.07	15.41	2.88	2.29
7.	60—70	2.37	1.16	28.45	11.87	4.27	4.32
8.	70—80	1.52	1.05	21.52	10.73	3.31	5.46
9.	80—90	2.02	1.19	31.66	17.26	5.49	8.38
10.	90—95	1.73	1.46	22.69	13.71	4.42	5.09
11.	95—100	1.87	1.16	22.68	11.13	4.44	4.81
12.	n.r.	1.99	1.06	68.09	25.16	2.05	0.29
13.	all classes	1.88	1.16	37.70	16.88	3.19	3.49
14.	estd. no. of room/area (00)	4201	2583	84287	37745	7140	7792

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ORISSA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.55	0.61	18.11	5.00	2.28	5.56
2.	10—20	1.74	0.70	22.73	6.87	2.49	4.59
3.	20—30	1.63	0.65	25.22	8.00	3.36	6.13
4.	30—40	1.79	0.84	21.75	7.88	3.48	3.43
5.	40—50	1.68	0.96	22.37	10.30	3.07	4.55
6.	50—60	1.90	0.87	23.44	8.17	4.32	4.35
7.	60—70	1.76	0.97	23.75	9.62	4.90	3.54
8.	70—80	1.86	0.90	23.78	9.26	5.02	5.21
9.	80—90	1.73	0.83	21.44	7.43	3.12	5.07
10.	90—95	1.91	1.21	27.10	11.04	3.62	6.75
11.	95—100	1.87	1.06	22.42	9.43	4.12	6.07
12.	n. r.	1.33	0.48	26.76	6.22	1.11	6.60
13.	all classes	1.75	0.85	22.79	8.30	3.55	4.99
14.	estd. no. of room/area (00)	89928	43687	1170448	426193	182393	256055

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

PUNJAB		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.62	0.74	27.12	7.15	1.28	1.54
2.	10—20	1.67	0.90	27.09	8.38	1.02	1.48
3.	20—30	1.62	1.03	27.02	9.72	1.82	1.49
4.	30—40	1.70	0.83	29.66	8.23	1.33	1.37
5.	40—50	1.81	1.13	30.30	10.41	1.12	2.22
6.	50—60	1.96	1.29	33.21	12.74	3.01	1.80
7.	60—70	1.78	0.97	30.70	9.58	1.95	1.71
8.	70—80	2.26	1.67	37.79	14.64	3.27	3.49
9.	80—90	2.28	1.56	39.72	16.01	3.17	5.87
10.	90—95	1.99	1.43	34.99	13.52	4.64	3.98
11.	95—100	2.33	1.56	40.17	18.21	3.76	5.06
12.	n. r.	1.61	1.39	22.38	9.56	2.18	2.66
13.	all classes	1.91	1.19	32.49	11.65	2.35	2.72
14.	estd. no. of room/area (00)	48484	30262	823840	295347	59516	69076

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## RAJASTHAN

## RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.64	0.56	23.43	5.26	4.36	2.65
2.	10—20	1.73	0.68	25.57	5.67	5.07	3.52
3.	20—30	1.58	0.65	22.23	6.01	4.80	2.22
4.	30—40	2.06	0.79	28.69	7.43	4.98	2.29
5.	40—50	1.88	0.81	29.78	8.90	4.71	3.96
6.	50—60	2.06	1.03	29.62	10.63	7.50	4.15
7.	60—70	1.76	0.83	22.25	7.85	5.48	2.20
8.	70—80	2.23	1.38	24.56	9.45	6.63	4.96
9.	80—90	1.94	1.10	25.49	10.06	6.37	3.82
10.	90—95	1.96	1.25	25.30	11.94	7.74	3.22
11.	95—100	1.85	0.82	22.78	6.96	4.48	2.53
12.	n.r.	1.66	0.86	22.88	11.36	10.99	7.91
13.	all classes	1.87	0.89	25.26	8.13	5.62	3.26
14.	estd. no. of room/area (00)	119066	56848	1605517	517028	357189	206904

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## SIKKIM

## RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.29	0.74	27.05	9.29	2.35	0.04
2.	10—20	1.25	0.85	30.86	10.92	2.48	0.07
3.	27—30	1.33	0.86	27.24	11.09	4.31	2.65
4.	30—40	1.41	0.88	28.70	12.12	1.28	1.19
5.	40—50	1.41	1.40	22.37	10.00	2.51	1.26
6.	50—60	1.63	2.39	18.62	11.67	2.67	0.22
7.	60—70	1.85	1.18	20.95	11.84	3.15	2.02
8.	70—80	1.58	1.18	22.70	22.15	3.45	1.96
9.	80—90	1.62	1.06	18.44	9.83	2.27	0.45
10.	30—95	1.50	1.25	16.76	11.25	1.83	0.14
11.	95—100	1.36	0.86	16.53	8.77	2.46	0.28
12.	n.r.	1.33	1.14	11.88	8.24	3.02	0.00
13.	all classes	1.48	1.15	22.34	11.74	2.64	0.94
14.	estd. no. of room/area (00)	808	626	12181	6400	1429	514

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

TAMIL NADU		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.17	0.67	14.83	4.33	2.09	2.10
2.	10—20	1.23	0.48	16.70	4.14	2.19	2.52
3.	20—30	1.29	0.51	16.05	4.48	2.41	3.14
4.	30—40	1.35	0.48	16.42	3.91	2.32	2.90
5.	40—50	1.26	0.44	14.89	2.95	2.59	2.62
6.	50—60	1.40	0.46	17.49	3.62	2.93	3.09
7.	60—70	1.41	0.62	18.64	5.23	3.36	3.16
8.	70—80	1.44	0.74	20.42	8.78	2.82	3.66
9.	80—90	1.37	0.75	18.84	6.15	3.75	3.49
10.	90—95	1.42	1.03	19.31	7.98	3.21	3.49
11.	95—100	1.79	1.50	25.08	12.79	6.67	5.44
12.	n.r.	0.87	0.26	12.02	3.63	0.81	4.41
13.	all classes	1.37	0.68	18.08	5.80	3.09	3.24
14.	estd. no. of room/area (00)	111844	55321	1472094	472647	251776	263489

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

TRIPURA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.48	0.96	26.14	6.78	3.00	0.57
2.	10—20	1.20	0.93	19.97	8.35	2.29	1.05
3.	20—30	1.27	0.66	22.70	7.72	1.00	2.04
4.	30—40	1.32	0.75	24.28	10.33	1.35	1.39
5.	40—50	1.40	0.75	23.05	9.59	0.89	4.41
6.	50—60	1.27	0.67	23.04	6.47	0.74	6.47
7.	60—70	1.42	0.75	26.34	8.10	1.65	3.79
8.	70—80	1.47	1.23	30.45	12.33	1.18	3.47
9.	80—90	1.51	0.68	26.88	6.50	2.87	7.28
10.	90—95	1.53	0.85	32.27	8.78	3.76	4.70
11.	95—100	1.51	0.94	26.33	9.83	1.69	3.99
12.	n.r.	1.29	0.69	22.59	6.83	2.80	1.47
13.	all classes	1.39	0.83	25.29	8.59	1.79	3.58
14.	estd. no. of room/area (00)	5505	3282	100246	34054	7111	14179



TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## UTTAR PRADESH

RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.01	0.80	26.55	6.26	5.46	4.18
2.	10—20	1.97	0.58	25.48	6.04	4.45	3.09
3.	20—30	2.20	0.87	28.44	7.82	5.32	3.54
4.	30—40	1.94	0.59	25.81	5.38	5.38	2.90
5.	40—50	2.27	0.73	30.83	7.84	7.04	3.29
6.	50—60	1.99	0.77	28.66	7.81	7.20	3.22
7.	60—70	2.10	0.69	29.50	6.79	6.27	3.29
8.	70—80	2.00	0.64	27.37	7.02	6.14	4.19
9.	80—90	2.17	0.78	32.69	8.08	7.83	3.90
10.	90—95	2.26	0.88	31.02	9.75	8.44	2.96
11.	95—100	2.20	0.89	32.43	8.98	9.93	4.54
12.	n.r.	1.83	0.69	27.19	7.16	5.61	4.19
13.	all classes	2.09	0.74	28.93	7.36	6.64	3.57
14.	estd. no. of room/area (00)	386674	136467	5356538	1362055	1229428	661755

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## WEST BENGAL

RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.67	0.79	25.20	6.72	5.88	5.11
2.	10—20	1.40	0.65	18.74	5.67	2.79	6.37
3.	20—30	1.40	0.62	20.15	5.92	4.12	4.99
4.	30—40	1.45	0.62	18.68	5.49	4.04	6.81
5.	40—50	1.56	0.89	22.17	7.96	4.33	5.70
6.	50—60	1.47	0.75	20.19	6.98	4.19	5.83
7.	60—70	1.61	0.90	21.44	8.08	3.17	6.42
8.	70—80	1.62	0.95	20.85	8.24	4.70	5.51
9.	80—90	1.72	1.06	23.24	8.36	4.22	8.64
10.	90—95	1.76	1.06	22.88	9.89	6.17	6.03
11.	95—100	1.90	1.16	24.86	10.84	5.47	6.33
12.	n.r.	2.01	0.70	33.18	8.05	3.53	4.21
13.	all classes	1.59	0.85	21.66	7.55	4.37	6.17
14.	estd. no. of room/area (00)	144946	77383	1974432	688206	398278	562741

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## ANDAMAN &amp; NICOBAR ISLAND

RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.95	0.81	26.89	8.79	0.41	4.58
2.	10—20	1.81	1.02	23.27	6.87	2.51	1.65
3.	20—30	1.78	0.95	22.25	6.70	1.41	2.67
4.	30—40	1.64	0.90	20.43	9.34	1.07	3.39
5.	40—50	1.99	1.10	22.60	8.23	2.63	4.09
6.	50—60	1.73	1.06	19.44	7.24	2.23	2.07
7.	60—70	1.61	1.06	22.70	7.44	1.69	1.81
8.	70—80	1.66	1.27	20.73	7.18	1.55	2.20
9.	80—90	1.72	1.12	22.95	6.22	1.83	3.02
10.	90—95	1.62	1.38	24.79	8.09	1.42	4.06
11.	95—100	1.63	1.83	22.53	20.07	0.14	1.99
12.	n. r.	1.00	0.00	18.00	0.00	0.00	0.00
13.	all classes	1.72	1.19	22.54	9.33	1.48	2.78
14.	estd. no. of room/area (00)	543	375	7105	2941	465	876

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## ARUNACHAL PRADESH

RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.90	0.65	44.25	13.47	24.27	14.29
2.	10—20	1.65	0.73	43.26	32.29	11.51	20.27
3.	20—30	1.56	2.03	30.96	17.95	4.67	10.48
4.	30—40	1.86	0.86	33.52	17.61	4.23	5.78
5.	40—50	1.87	0.83	41.47	15.66	10.66	6.98
6.	50—60	1.52	0.84	36.34	14.16	5.95	6.32
7.	60—70	1.63	0.92	25.27	8.53	5.38	4.82
8.	70—80	1.76	0.70	33.01	8.61	9.39	4.61
9.	80—90	1.20	0.75	65.64	13.97	18.12	16.21
10.	90—95	1.26	0.88	67.03	9.85	12.84	5.65
11.	95—100	1.93	0.84	201.16	6.06	10.55	8.31
12.	n. r.	2.21	1.07	19.71	18.93	9.57	0.00
13.	all classes	1.65	0.93	54.94	14.38	10.30	9.27
14.	estd. no. of room/area (00)	1598	906	53313	13950	9993	8996

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## CHANDIGARH

## RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	4.24	1.24	31.77	8.16	0.00	3.60
2.	10—20	1.64	0.50	19.34	5.52	0.00	5.52
3.	20—30	1.15	0.51	13.49	3.99	1.06	0.00
4.	30—40	1.76	0.48	32.37	1.68	1.44	0.00
5.	40—50	1.54	0.18	16.08	0.73	0.00	0.73
6.	50—60	1.92	0.72	25.73	5.74	0.00	7.29
7.	60—70	1.47	1.83	20.67	24.12	0.00	0.75
8.	70—80	1.37	0.26	18.36	0.77	4.88	1.29
9.	80—90	2.16	3.01	30.01	29.07	1.84	0.00
10.	90—95	1.09	0.00	11.03	0.00	0.00	1.47
11.	95—100	1.00	0.10	27.36	0.00	0.00	0.48
12.	n. r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.52	0.57	21.46	4.90	0.95	1.75
14.	estd. no. of room/area (00)	150	56	2119	484	94	172

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## DADRA &amp; NAGAR HAVELI

## RURAL

srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.20	0.42	36.72	1.95	8.46	6.92
2.	10—20	1.15	0.00	21.85	0.00	11.06	9.60
3.	20—30	1.29	0.11	25.03	3.43	12.91	11.44
4.	30—40	1.46	0.39	31.88	4.14	11.05	14.57
5.	40—50	1.39	0.07	39.39	2.41	6.85	15.31
6.	50—60	1.22	0.20	29.40	2.62	7.28	5.56
7.	60—70	1.38	0.83	29.26	10.99	8.19	1.44
8.	70—80	1.49	0.34	32.65	4.84	10.76	4.58
9.	80—90	1.38	0.87	30.93	9.71	10.10	0.41
10.	90—95	1.52	0.62	23.30	5.30	9.99	9.24
11.	95—100	1.06	0.34	26.47	4.07	9.92	6.90
12.	n. r.	2.00	1.00	16.00	8.00	5.00	0.00
13.	all classes	1.32	0.38	29.87	4.59	9.62	7.56
14.	estd. of room/area (00)	273	79	6190	951	1994	1567

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

DAMAN & DIU		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.33	0.67	18.00	5.33	6.67	4.00
2.	10—20	1.00	0.67	12.69	3.67	2.69	0.00
3.	20—30	1.00	0.26	20.60	2.06	2.83	0.00
4.	30—40	1.32	1.34	19.53	7.32	2.66	0.00
5.	40—50	2.23	0.58	29.03	1.74	2.65	0.66
6.	50—60	2.04	0.88	35.01	4.43	3.45	0.40
7.	60—70	1.54	1.90	23.28	9.30	2.67	0.00
8.	70—80	1.56	0.86	22.25	4.69	5.49	0.00
9.	80—90	3.05	2.10	35.05	10.74	6.20	1.52
10.	90—95	3.57	3.00	57.43	7.15	0.86	16.30
11.	95—100	1.54	0.10	26.84	5.34	2.32	2.43
12.	n. r.	0.00	0.70	0.00	0.00	0.00	0.00
13.	all classes	1.79	1.09	25.91	5.50	3.73	1.35
14.	estd. no. of room/area (00)	187	114	2711	575	390	141

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

DELHI		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	3.59	1.05	40.31	4.27	2.62	0.00
2.	10—20	2.38	1.03	32.54	6.05	6.15	1.33
3.	20—30	2.87	1.06	33.48	7.13	3.14	0.64
4.	30—40	2.53	1.00	38.78	5.16	6.95	2.71
5.	40—50	1.71	0.58	20.64	3.02	7.58	0.42
6.	50—60	2.63	0.88	40.14	6.09	0.00	1.82
7.	60—70	2.90	0.81	46.67	8.61	5.13	3.27
8.	70—80	3.15	1.37	37.37	7.70	0.09	1.70
9.	80—90	2.87	0.97	37.01	6.01	1.23	2.04
10.	90—95	4.56	1.78	36.97	10.78	1.13	1.69
11.	95—100	2.56	1.05	26.24	6.28	5.10	0.00
12.	n. r.	4.58	2.29	56.60	3.85	3.94	1.89
13.	all classes	2.86	1.06	36.02	6.15	3.72	1.44
14.	estd. no. of room/area (00)	3469	1285	43739	7474	4524	1750

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

GOA		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.18	1.19	38.73	21.14	5.31	4.06
2.	10—20	1.61	6.97	25.36	11.05	6.17	2.68
3.	20—30	2.35	1.20	44.13	13.56	8.31	3.18
4.	30—40	2.41	1.48	45.04	21.54	9.98	0.68
5.	40—50	2.02	1.35	36.91	17.46	6.70	1.40
6.	50—60	1.75	1.07	28.55	16.00	6.01	0.61
7.	60—70	2.18	1.77	41.03	14.64	4.69	3.77
8.	70—80	2.61	1.09	38.84	15.35	6.22	2.74
9.	80—90	2.39	1.55	39.78	20.63	8.48	3.02
10.	90—95	1.70	1.78	27.42	10.56	3.81	1.11
11.	95—100	2.60	1.62	45.90	23.28	6.29	2.04
12.	n. r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	2.17	1.80	37.37	16.77	6.50	2.32
14.	estd. no. of room/area (00)	2967	2463	51010	22894	8874	3173

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

LAKSHADWEEP		RURAL					
srl. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.88	2.13	32.89	14.26	2.33	9.40
2.	10—20	2.27	2.21	22.53	14.14	6.56	4.46
3.	20—30	2.48	1.85	25.28	11.91	2.72	9.23
4.	30—40	3.12	2.32	30.49	16.62	3.13	7.62
5.	40—50	2.56	2.29	28.91	20.61	3.14	6.62
6.	50—60	2.68	2.14	38.26	16.58	1.53	12.14
7.	60—70	2.95	2.35	38.46	20.32	4.49	5.63
8.	70—80	2.88	2.31	39.03	19.04	2.83	4.13
9.	80—90	2.12	2.27	26.20	16.50	2.91	5.52
10.	90—95	3.19	2.84	36.27	21.02	2.62	6.06
11.	95—100	1.72	1.91	16.41	11.86	2.67	1.24
12.	n. r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	2.54	2.22	29.67	16.41	3.09	6.14
14.	estd. no. of room/area (00)	98	86	1148	635	120	237

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MIZORAM		RURAL					
sr l. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	3.57	0.61	42.48	1.81	2.70	4.35
2.	10—20	1.94	0.67	36.15	2.40	2.06	4.05
3.	20—30	1.73	0.56	30.52	1.89	0.65	3.29
4.	30—40	1.88	2.24	26.12	1.90	1.50	0.66
5.	40—50	2.04	1.70	36.54	5.55	1.13	2.06
6.	50—60	2.32	0.46	38.51	3.56	1.68	0.78
7.	60—70	2.08	0.31	34.41	3.38	2.13	1.01
8.	70—80	1.90	0.83	38.63	1.13	1.12	3.48
9.	80—90	2.06	0.35	43.92	4.41	2.62	2.27
10.	90—95	2.04	0.57	34.07	9.58	3.36	1.48
11.	95—100	2.34	0.42	40.41	2.19	2.98	1.82
12.	n. r.	1.59	0.00	22.94	0.00	0.00	2.81
13.	all classes	2.14	0.78	36.54	3.26	1.92	2.35
14.	estd. no. of room/area (00)	1389	510	23760	2121	1246	1529

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

PONDICHERRY		RURAL					
sr l. no.	fractile classes	average number of		average area (square metre) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.48	0.00	15.59	0.00	6.97	1.28
2.	10—20	1.38	0.32	13.95	2.04	1.98	1.29
3.	20—30	1.36	0.42	12.11	5.03	4.68	1.41
4.	30—40	1.18	0.39	11.33	2.96	1.27	1.40
5.	40—50	1.15	0.22	12.21	1.23	2.54	1.16
6.	50—60	1.17	0.55	13.18	4.94	1.88	1.92
7.	60—70	1.21	0.42	17.49	4.21	2.56	1.62
8.	70—80	1.45	0.45	15.50	4.04	3.98	1.18
9.	80—90	1.43	0.38	18.15	4.21	4.17	1.29
10.	90—95	1.33	0.84	14.75	9.77	5.41	1.60
11.	95—100	1.38	1.36	23.79	11.50	7.91	1.31
12.	n. r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.32	0.49	15.52	4.54	3.91	1.39
14.	estd. no. of room/area (00)	873	325	10245	2999	2581	919

TABLE 15 : PERCENTAGE DISTRIBUTION OF HOUSEHOLD BY WALL TYPE

(1)	state/union territories													estd. no. of house-holds (00)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
	grass, straw, leaves etc.	mud, unburnt brick	tent cloth	other katcha walls	burnt brick, stone, limestone	cement rec cement rbc	g.i. or other metal sheet	timber	other pucca walls	n. r.	all			
1. Andhra Pradesh	11.38	45.79	0.06	2.51	35.57	4.51	0.00	0.04	0.09	0.06	100.00	101557		
2. Assam	77.68	7.54	0.00	1.21	8.99	1.82	0.90	0.23	1.55	0.06	100.00	28411		
3. Bihar	33.79	33.98	0.06	7.18	23.32	0.92	0.21	0.00	0.49	0.06	100.00	117840		
4. Gujarat	9.86	47.83	0.05	0.45	32.78	8.76	0.16	0.00	0.11	0.00	100.00	59409		
5. Haryana	0.56	15.30	0.00	1.03	82.27	0.63	0.10	0.00	0.10	0.00	100.00	19272		
6. Himachal Pradesh	0.81	37.99	0.00	4.02	51.85	2.04	0.37	0.91	2.03	0.00	100.00	8368		
7. Jammu & Kashmir	1.32	33.93	0.04	0.87	54.84	0.50	0.25	2.71	5.54	0.00	100.00	9047		
8. Karnataka	7.14	49.85	0.10	0.52	40.55	1.33	0.11	0.00	0.40	0.00	100.00	51986		
9. Kerala	8.29	36.63	0.00	0.62	48.96	0.56	0.04	0.70	4.20	0.00	100.00	40228		
10. Madhya Pradesh	10.84	61.20	0.06	7.28	17.92	2.31	0.20	0.07	0.04	0.07	100.00	92413		
11. Maharashtra	14.08	42.98	0.17	1.74	36.92	2.52	1.18	0.11	0.21	0.09	100.00	90023		
12. Manipur	44.83	27.90	0.00	19.54	0.68	0.00	0.26	5.75	0.84	0.21	100.00	1914		
13. Meghalaya	54.03	3.71	0.00	7.87	3.18	5.41	7.51	16.06	2.24	0.00	100.00	2236		
14. Orissa	11.49	74.44	0.07	0.20	12.73	0.94	0.00	0.11	0.17	0.00	100.00	51354		
15. Punjab	1.22	19.71	0.55	0.39	77.57	0.39	0.00	0.00	0.00	0.00	100.00	25356		
16. Rajasthan	4.46	39.37	0.57	3.58	49.65	0.00	0.03	0.00	2.35	0.00	100.00	63561		
17. Sikkim	21.28	5.69	0.00	6.06	25.14	8.26	0.18	32.11	1.28	0.00	100.00	545		
18. Tamil Nadu	3.91	60.87	0.04	0.54	31.53	2.99	0.00	0.00	0.12	0.00	100.00	81438		
19. Tripura	60.17	36.35	0.00	0.66	2.14	0.50	0.00	0.00	0.18	0.00	100.00	3964		
20. Uttar Pradesh	4.97	49.02	0.05	8.06	37.11	0.44	0.02	0.05	0.27	0.01	100.00	185186		
21. West Bengal	17.95	66.28	0.54	1.32	11.55	1.40	0.17	0.68	0.02	0.10	100.00	91174		
22. A & N Islands	51.75	0.95	0.00	0.00	0.63	6.98	0.95	35.87	2.86	0.00	100.00	315		
23. Arunachal Pradesh	79.58	0.10	0.00	1.55	3.81	0.41	1.75	5.67	6.19	0.93	100.00	970		
24. Chandigarh	0.00	9.09	0.00	0.00	89.90	1.01	0.00	0.00	0.00	0.00	100.00	99		
25. Dadra & Nagar Haveli	59.90	14.01	0.48	0.00	18.36	5.80	0.97	0.00	0.00	0.00	100.00	207		
26. Daman & Diu	22.86	26.67	0.00	0.00	50.96	0.00	0.00	0.00	0.00	0.00	100.00	105		
27. Delhi	0.00	0.00	0.00	2.97	91.35	4.94	0.00	0.00	0.74	0.00	100.00	1214		
28. Goa	5.20	58.68	0.73	0.00	31.79	3.59	0.00	0.00	0.00	0.00	100.00	1365		
29. Lakshadweep	2.56	0.00	0.00	0.00	92.31	5.13	0.00	0.00	0.00	0.00	100.00	39		
30. Mizoram	68.93	1.08	0.15	0.15	0.00	0.77	16.92	2.15	9.85	0.00	100.00	650		
31. Pondicherry	5.91	54.24	0.00	0.00	27.27	12.58	0.00	0.00	0.00	0.00	100.00	660		
All India	13.56	47.27	0.14	3.60	32.39	2.00	0.22	0.22	0.56	0.04	100.00	1130907		

TABLE (16) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY ROOF TYPE

sl. no.	state/union territories	roof type (code)										all	estd. no. of hbs. (00)	no. of sample hbs.
		1	2	3	4	5	6	7	8	9	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.	Andhra Pradesh	49.50	4.93	0.02	2.22	6.90	8.58	26.36	0.97	0.42	0.09	100.00	101557	3154
2.	Assam	75.67	0.94	0.00	0.00	0.21	0.22	18.67	4.18	0.11	0.00	100.00	28411	1549
3.	Bihar	45.27	1.01	0.00	4.17	6.13	5.72	32.21	0.13	5.28	0.09	100.00	117840	3980
4.	Gujarat	6.27	3.34	0.00	2.09	7.93	6.49	71.75	1.38	1.38	0.00	100.00	59409	1294
5.	Haryana	12.89	1.47	0.00	5.76	28.18	2.30	6.64	0.00	42.17	0.00	100.00	19272	959
6.	Himachal Pradesh]	8.57	5.20	0.00	2.24	7.96	6.38	58.84	0.39	10.41	0.00	100.00	8368	973
7.	Jammu & Kashmir	21.46	26.21	0.09	5.56	1.99	4.08	30.30	0.14	10.17	0.00	100.00	9047	2426
8.	Karnataka	22.96	18.75	0.35	0.88	8.20	2.14	45.41	0.21	0.01	0.10	100.00	51986	1664
9.	Kerala	30.08	0.62	0.00	0.28	0.51	7.11	57.25	1.73	2.34	0.04	100.00	40228	2063
10.	Madhya Pradesh	12.71	1.30	0.06	2.62	6.44	3.31	70.93	0.12	2.45	0.07	100.00	92413	2284
11.	Maharashtra	12.62	5.08	0.21	2.59	4.73	4.21	59.46	1.53	9.47	0.09	100.00	90023	2878
12.	Manipur	65.43	0.57	0.00	0.46	0.00	0.00	33.54	0.00	0.00	0.00	100.00	1914	431
13.	Meghalaya	56.24	1.20	0.00	1.17	0.59	0.41	38.64	1.30	0.70	0.00	100.00	2236	512
14.	Orissa	69.33	2.52	0.18	1.01	5.60	2.87	13.42	2.38	2.69	0.00	100.00	51354	1261
15.	Punjab	25.16	2.89	0.56	1.17	48.34	3.44	14.69	0.00	3.74	0.00	100.00	25356	2132
16.	Rajasthan	21.85	10.58	1.22	6.69	37.50	0.58	8.98	5.67	6.92	0.00	100.00	63561	1570
17.	Sikkim	39.52	0.83	0.00	3.25	2.46	11.09	40.89	0.80	1.16	0.00	100.00	545	475
18.	Tamil Nadu	47.64	1.15	0.00	0.06	3.12	6.24	41.01	0.66	0.13	0.00	100.00	81438	2921
19.	Tripura	82.60	0.91	0.00	0.00	0.17	0.34	15.67	0.00	0.14	0.17	100.00	3964	648
20.	Uttar Pradesh	22.76	16.15	0.04	14.29	17.87	5.40	18.53	0.25	4.69	0.01	100.00	185186	6926
21.	West Bengal	51.37	1.55	0.04	0.52	1.02	5.98	37.55	1.85	0.09	0.04	100.00	91174	2671
22.	Andaman & Nicobar	48.35	0.00	0.00	1.36	0.07	2.60	24.37	9.37	13.54	0.34	100.00	315	417
23.	Arunachal Pradesh	82.83	0.26	0.00	0.00	0.20	0.40	7.28	0.17	1.94	1.27	100.00	970	428
24.	Chandigarh	16.98	0.00	0.00	0.00	11.91	55.00	9.50	0.00	6.61	0.00	100.00	99	48
25.	Dadra & Nagar Haveli	15.43	0.65	0.00	0.00	36.02	6.25	37.34	4.31	0.00	0.00	100.00	207	144
26.	Daman & Diu	4.82	0.00	0.00	0.00	0.00	13.38	81.80	0.00	0.00	0.00	100.00	105	48
27.	Delhi	1.32	3.52	0.00	1.73	58.46	21.98	3.15	3.64	6.20	0.00	100.00	1214	90
28.	Goa	3.01	0.00	0.00	0.00	0.00	9.21	87.78	0.00	0.00	0.00	100.00	1365	138
29.	Lakshadweep	15.65	0.00	0.00	0.00	0.00	0.68	82.43	1.26	0.00	0.00	100.00	39	96
30.	Mizoram	55.19	0.00	0.00	0.47	0.00	0.00	33.54	1.25	9.25	0.00	100.00	650	526
31.	Pondichery	70.29	0.58	0.00	0.00	2.08	16.00	11.05	0.00	0.00	0.00	100.00	660	192
	All India	32.95	6.05	0.14	4.22	10.29	4.90	36.24	1.13	4.03	0.04	100.00	1130	44898

\*roof type (code) : grass, straw, reeds, bamboo, thatch—1, mud, unburnt brick-2, tent, cloth-3-3, other katcha—4, burnt brick, stone, lime stone—5, cement concrete, rbc, rec—5, tiles, slute, corrugated iron sheet-7, asbestos cement sheet—8, other pucca—9.



TABLE (17) : PERCENTAGE DISTRIBUTION OF HOUSEHOLD BY FLOOR TYPE OF THE DWELLING UNIT

sl. no.	state/u.t.	floor type (code)*										all	RURAL	estd. no. hhs. (00)
		1	2	3	4	5	6	7	8	9	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)			
1.	Andhra Pradesh	72.01	0.06	0.08	16.28	10.58	0.48	0.42	0.06	100.00	101557			
2.	Assam	92.48	2.93	0.20	0.52	2.98	0.11	0.75	0.00	100.00	28411			
3.	Bihar	91.91	0.47	1.20	0.96	5.08	0.02	0.22	0.11	100.00	117840			
4.	Gujarat	80.50	0.09	0.00	6.28	9.81	3.02	0.21	0.05	100.00	59409			
5.	Haryana	76.12	0.00	0.10	10.51	12.80	0.00	0.44	0.00	100.00	19272			
6.	Himachal Pradesh	69.53	0.40	16.36	1.23	11.80	0.00	0.64	0.00	100.00	8368			
7.	Jammu & Kashmir	93.27	0.20	0.72	0.07	5.37	0.00	0.35	0.00	100.00	9047			
8.	Karnataka	73.56	0.34	0.38	9.72	19.73	0.00	0.20	0.04	100.00	51986			
9.	Kerala	47.76	0.00	0.13	0.88	48.79	1.86	0.54	0.00	100.00	40228			
10.	Madhya Pradesh	96.77	0.34	0.00	0.84	1.14	0.11	0.69	0.07	100.00	92413			
11.	Maharashtra	89.89	0.04	0.03	3.92	3.72	1.52	0.81	0.04	100.00	90023			
12.	Manipur	79.47	2.79	14.25	0.91	2.05	0.00	0.50	0.00	100.00	1914			
13.	Meghalaya	28.03	23.84	46.41	0.00	1.35	0.00	0.35	0.00	100.00	2236			
14.	Orissa	90.02	0.10	0.00	0.68	8.99	0.04	0.14	0.00	100.00	51354			
15.	Punjab	72.39	0.12	0.08	8.76	18.22	0.15	0.15	0.10	100.00	25356			
16.	Rajasthan	73.19	0.05	0.00	10.67	15.52	0.34	0.19	0.00	100.00	63561			
17.	Sikkim	42.23	1.44	29.63	8.92	17.01	0.74	0.00	0.00	100.00	545			
18.	Tamil Nadu	61.36	0.14	0.06	2.70	34.96	0.50	0.24	0.00	100.00	81438			
19.	Tripura	89.59	6.26	0.91	0.54	2.67	0.00	0.00	0.00	100.00	3964			
20.	Uttar Pradesh	93.82	0.08	0.06	1.98	3.80	0.03	0.16	0.03	100.00	185186			
21.	West Bengal	89.00	0.69	0.60	0.68	8.76	0.06	0.15	0.03	100.00	91174			
22.	Andaman & Nicobar	55.15	5.25	7.91	0.23	31.10	0.00	0.00	0.33	100.00	315			
23.	Arunachal Pradesh	12.80	67.30	14.13	0.67	3.46	0.18	0.00	1.43	100.00	970			
24.	Chandigarh	27.48	0.00	0.00	2.36	70.14	0.00	0.00	0.00	100.00	99			
25.	Dadra & Nagar Haveli	82.25	0.00	0.00	9.97	5.09	2.67	0.00	0.00	100.00	207			
26.	Delhi	25.44	0.00	0.00	10.10	57.59	4.37	2.47	0.00	100.00	1214			
27.	Goa	71.06	0.00	0.00	0.00	20.57	8.36	0.00	0.00	100.00	1365			
28.	Lakshadweep	11.82	0.00	0.00	14.61	73.56	0.00	0.00	0.00	100.00	39			
29.	Mizoram	4.83	28.33	66.64	0.00	0.00	0.00	0.17	0.00	100.00	650			
30.	Pondicherry	61.52	0.00	0.00	0.00	38.47	0.00	0.00	0.00	100.00	660			
31.	Daman & Diu	55.00	0.00	0.00	8.03	27.95	9.00	0.00	0.00	100.00	105			
32.	All-India	82.80	0.42	0.54	4.38	10.96	0.49	0.33	0.04	100.00	1130907			

\*Floor type (code) : mud—1, bamboo log—2, wood plank—3, brick, stone, limestone—4; cement—5, mosaic, tiles—6; other (pucca)—9.

TABLE (18) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE OF DRINKING WATER

RURAL

state/union territories	source of drinking							others	n.r.	all sources	estimated no. of house-hold (00)
	tap : storage tank	tap : storage tank	well	tubewell hand pump	tank pond	river, canal, lake	spring				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. Andhra Pradesh	10.77	1.92	38.01	40.76	3.48	3.81	1.01	0.20	0.04	100.00	101557
2. Assam	5.11	0.55	30.97	43.05	14.11	4.51	1.09	0.60	0.00	100.00	28411
3. Bihar	1.88	1.01	44.74	50.17	0.34	0.85	0.67	0.15	0.21	100.00	117840
4. Gujarat	27.73	20.80	26.45	20.36	1.22	2.67	0.33	0.37	0.08	100.00	59435
5. Haryana	31.12	1.78	30.22	35.73	0.08	0.95	0.00	0.00	0.11	100.00	19272
6. Himachal Pradesh	68.51	4.68	5.72	10.47	0.96	2.02	16.81	0.60	0.24	100.00	8368
7. Jammu & Kashmir	38.84	2.98	8.30	6.62	1.03	12.65	27.39	2.20	0.00	100.00	9047
8. Karnataka	18.06	3.22	28.33	43.97	2.51	3.57	0.29	0.00	0.06	100.00	51986
9. Kerala	9.80	1.49	82.83	1.46	2.17	0.43	1.42	0.40	0.00	100.00	40228
10. Madhya Pradesh	5.99	0.78	50.30	35.36	0.62	4.53	1.68	0.63	0.10	100.00	92458
11. Maharashtra	28.73	5.26	42.93	17.34	0.76	4.40	0.46	0.13	0.00	100.00	90023
12. Manipur	20.90	3.66	0.47	8.41	26.70	19.91	17.61	1.99	0.37	100.00	1914
13. Meghalaya	22.18	3.53	18.96	1.21	13.51	4.65	35.73	0.22	0.00	100.00	2236
14. Orissa	0.33	0.11	50.92	34.83	2.42	7.83	3.43	0.11	0.00	100.00	51354
15. Punjab	11.65	1.19	4.08	82.13	0.25	0.46	0.00	0.20	0.04	100.00	25403
16. Rajasthan	10.19	8.17	44.01	25.24	11.64	0.43	0.12	0.20	0.00	100.00	63561
17. Sikkim	39.45	16.33	0.00	0.00	1.47	1.47	41.18	0.00	0.00	100.00	545
18. Tamil Nadu	24.48	4.89	30.62	34.74	2.74	1.79	0.64	0.11	0.00	100.00	81438
19. Tripura	12.26	0.48	43.64	26.11	0.23	8.75	2.47	6.05	0.00	100.00	3964
20. Uttar Pradesh	6.43	0.28	45.71	45.77	0.00	0.38	1.26	0.16	0.01	100.00	185186
21. West Bengal	2.89	0.74	19.67	74.72	0.60	0.40	0.00	0.91	0.08	100.00	91174
22. Andaman & Nicobar Islands	53.97	7.30	23.17	0.00	4.13	6.03	5.08	0.00	0.32	100.00	315
23. Arunachal Pradesh	47.22	23.61	4.02	7.01	0.31	5.46	9.38	2.27	0.72	100.00	970
24. Chandigarh	78.78	1.01	0.00	20.21	0.00	0.00	0.00	0.00	0.00	100.00	99
25. Dadra & Nagar Haveli	1.39	3.38	60.89	17.37	0.00	0.48	0.48	0.00	0.00	100.00	207
26. Daman & Diu	15.00	16.00	36.00	13.00	0.00	0.00	0.00	20.00	0.00	100.00	105
27. Delhi	55.02	6.84	0.00	38.14	0.00	0.00	0.00	0.00	0.00	100.00	1214
28. Goa	23.74	0.00	64.25	0.00	3.88	4.69	3.44	0.00	0.00	100.00	1365
29. Lakshadweep	0.00	0.00	97.44	2.56	0.00	0.00	0.00	0.00	0.00	100.00	39
30. Mizoram	9.54	0.15	6.46	0.77	7.54	5.08	68.92	0.92	0.62	100.00	650
31. Pondicherry	56.52	27.58	2.12	13.79	0.00	0.00	0w00	0.00	0.00	100.00	660
All India	12.28	3.18	39.10	39.08	2.18	2.42	1.38	0.32	0.05	100.00	1131026

TABLE (19) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FACILITY OF DRINKING WATER

RURAL

sr1. no.	states/union territories	facility of drinking water				all	estimated no. of households (00)
		exclusive use	common to household in bldg.	community use	not recorded		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh . . . . .	7.96	3.94	87.60	0.51	100.00	101557
2.	Assam . . . . .	34.12	8.62	57.27	0.00	100.00	28411
3.	Bihar . . . . .	19.97	8.78	70.88	0.37	100.00	117840
4.	Gujarat . . . . .	25.59	5.65	67.25	0.51	100.00	59435
5.	Haryana . . . . .	12.02	4.81	83.05	0.12	100.00	19272
6.	Himachal Pradesh . . . . .	7.56	4.20	88.00	0.24	100.00	8368
7.	Jammu & Kashmir . . . . .	8.24	2.76	89.00	0.00	100.00	9047
8.	Karnataka . . . . .	10.52	4.00	83.91	1.58	100.00	51986
9.	Kerala . . . . .	50.67	5.05	44.22	0.06	100.00	40228
10.	Madhya Pradesh . . . . .	15.22	6.90	77.70	0.18	100.00	92458
11.	Maharashtra . . . . .	10.98	8.09	80.61	0.32	100.00	90023
12.	Manipur . . . . .	17.21	2.75	79.69	0.34	100.00	1914
13.	Meghalaya . . . . .	5.05	2.16	92.55	0.25	100.00	2236
14.	Orissa . . . . .	7.25	6.21	86.54	0.00	100.00	51354
15.	Punjab . . . . .	54.50	20.94	24.48	0.08	100.00	25403
16.	Rajasthan . . . . .	10.42	4.70	84.70	0.18	100.00	63561
17.	Sikkim . . . . .	63.33	10.46	26.20	0.00	100.00	545
18.	Tamil Nadu . . . . .	7.45	3.40	88.06	1.09	100.00	81438
19.	Tripura . . . . .	16.21	15.90	67.80	0.08	100.00	3964
20.	Uttar Pradesh . . . . .	25.45	11.49	63.01	0.05	100.00	185186
21.	West Bengal . . . . .	9.71	6.32	83.68	0.29	100.00	91174
22.	Andaman & Nicobar Island . . . . .	14.82	7.21	77.75	0.22	100.00	315
23.	Arunachal Pradesh . . . . .	10.48	7.90	80.99	0.64	100.00	970
24.	Chandigarh . . . . .	13.91	71.97	14.12	0.00	100.00	99
25.	Dadra & Nagar Haveli . . . . .	10.99	11.87	77.14	0.00	100.00	207
26.	Daman & Diu . . . . .	3.36	0.00	96.64	0.00	100.00	105
27.	Delhi . . . . .	62.96	20.80	16.24	0.00	100.00	1214
28.	Goa . . . . .	17.40	14.26	68.33	0.00	100.00	1365
29.	Lakshadweep . . . . .	69.60	9.98	20.43	0.00	100.00	39
30.	Mizoram . . . . .	23.38	5.95	70.11	0.56	100.00	650
31.	Pondicherry . . . . .	9.92	7.12	82.96	0.00	100.00	660
32.	All India . . . . .	17.66	7.27	74.71	0.35	100.00	1131026

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY DISTANCE FROM THE SOURCE OF DRINKING WATER

srl. no.	state/u.t.	distance (in km.)					total	estimated no. of households
		within premises	less than 0.5	0.5—1.0	1.0 & above	n.r.		
		(3)	(4)	(5)	(6)	(7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Andhra Pradesh	12.85	81.80	4.50	0.73	0.06	100.00	101556
2.	Assam	36.65	61.45	1.48	0.27	0.15	100.00	28410
3.	Bihar	27.58	70.27	1.53	0.16	0.45	100.00	117839
4.	Gujarat	31.27	63.18	4.23	1.02	0.30	100.00	59435
5.	Haryana	15.03	75.89	7.77	1.11	0.20	100.00	19272
6.	Himachal Pradesh	17.37	77.24	3.91	1.25	0.24	100.00	8368
7.	Jammu & Kashmir	13.52	78.15	5.93	2.41	0.00	100.00	9046
8.	Karnataka	13.94	80.36	4.03	0.72	0.95	100.00	51986
9.	Kerala	60.36	37.92	1.36	0.28	0.07	100.00	40228
10.	Madhya Pradesh	14.26	79.21	6.02	0.42	0.10	100.00	92457
11.	Maharashtra	17.30	78.58	3.58	0.49	0.06	100.00	90022
12.	Manipur	19.61	76.20	3.23	0.24	0.71	100.00	1914
13.	Meghalaya	18.75	76.18	4.73	0.34	0.00	100.00	2235
14.	Orissa	11.52	84.03	4.11	0.34	0.00	100.00	51354
15.	Punjab	70.61	28.39	0.72	0.06	0.21	100.00	25403
16.	Rajasthan	13.27	77.31	6.22	3.20	0.00	100.00	63561
17.	Sikkim	46.60	21.48	3.16	27.10	1.66	100.00	545
18.	Tamil Nadu	8.46	84.35	6.02	1.15	0.03	100.00	81438
19.	Tripura	22.91	73.99	2.98	0.00	0.12	100.00	3964
20.	Uttar Pradesh	35.41	63.68	0.70	0.17	0.04	100.00	185186
21.	West Bengal	14.72	80.83	3.72	0.51	0.23	100.00	91173
22.	Andaman & Nicobar Island	24.71	72.19	2.90	0.20	0.00	100.00	315
23.	Arunachal Pradesh	44.14	43.98	6.52	4.73	0.53	100.00	970
24.	Chandigarh	86.56	11.73	0.00	1.70	0.00	100.00	98
25.	Dadra & Nagar Haveli	14.31	76.91	6.20	0.00	2.58	100.00	207
26.	Daman & Diu	3.36	88.37	8.27	0.00	0.00	100.00	104
27.	Delhi	81.10	18.90	0.00	0.00	0.00	100.00	1214
28.	Goa	27.56	72.44	0.00	0.00	0.00	100.00	1365
29.	Lakshadweep	82.76	15.98	0.00	1.26	0.00	100.00	38
30.	Mizoram	5.61	79.37	13.57	0.89	0.56	100.00	650
31.	Pondicherry	15.56	84.44	0.00	0.00	0.00	100.00	660
32.	All India	23.23	72.44	3.49	0.67	0.17	100.00	1131026

TABLE (21) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY DISTANCE FROM THE LATRINE USED.

srl. no.	state/u.t.	distance from latrine used (in km.)				total	estimated no. of households (00)
		in the premises	less than 0.5	0.5—1.0	1.0 or more		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh . . . . .	58.76	41.24	0.00	0.00	100.00	9398
2.	Assam . . . . .	81.42	18.32	0.19	0.00	100.00	15811
3.	Bihar . . . . .	89.25	10.22	0.00	0.52	100.00	5961
4.	Gujarat . . . . .	37.49	62.51	0.00	0.00	100.00	9454
5.	Haryana . . . . .	78.20	21.80	0.00	0.00	100.00	728
6.	Himachal Pradesh . . . . .	80.52	19.48	0.00	0.00	100.00	404
7.	Jammu & Kashmir . . . . .	46.70	51.20	1.84	0.26	100.00	1497
8.	Karnataka . . . . .	74.91	21.58	0.00	3.52	100.00	3006
9.	Kerala . . . . .	97.31	2.52	0.17	0.00	100.00	19294
10.	Madhya Pradesh . . . . .	51.41	47.18	0.00	1.42	100.00	2657
11.	Maharashtra . . . . .	70.52	28.54	0.94	0.00	100.00	5706
12.	Manipur . . . . .	71.14	28.54	0.00	0.32	100.00	1695
13.	Meghalaya . . . . .	84.92	15.08	0.00	0.00	100.00	461
14.	Orissa . . . . .	67.59	30.60	1.82	0.00	100.00	2085
15.	Punjab . . . . .	93.44	6.02	0.53	0.00	100.00	2296
16.	Rajasthan . . . . .	91.48	8.52	0.00	0.00	100.00	6130
17.	Sikkim . . . . .	57.59	42.41	0.00	0.00	100.00	219
18.	Tamil Nadu . . . . .	83.00	13.87	0.00	3.14	100.00	4894
19.	Tripura . . . . .	89.27	10.58	0.15	0.00	100.00	3158
20.	Uttar Pradesh . . . . .	90.09	9.41	0.24	0.26	100.00	13421
21.	West Bengal . . . . .	79.68	17.68	2.20	0.43	100.00	9308
22.	Andaman & Nicobar Island . . . . .	91.35	8.65	0.00	0.00	100.00	73
23.	Arunachal Pradesh . . . . .	72.65	26.36	0.77	0.23	100.00	715
24.	Chandigarh . . . . .	0.00	56.95	43.05	0.00	100.00	7
25.	Dadra & Nagar Haveli . . . . .	54.96	45.04	0.00	0.00	100.00	33
26.	Daman & Diu . . . . .	80.85	19.15	0.00	0.00	100.00	12
27.	Delhi . . . . .	44.23	55.77	0.00	0.00	100.00	59
28.	Goa . . . . .	70.18	29.82	0.00	0.00	100.00	461
29.	Lakshadweep . . . . .	98.66	1.34	0.00	0.00	100.00	30
30.	Mizoram . . . . .	30.94	67.96	0.79	0.00	100.00	565
31.	Pondicherry . . . . .	79.52	20.48	0.00	0.00	100.00	48
32.	All India . . . . .	78.40	20.87	0.38	0.35	100.00	119587

TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE

RURAL

sr. no.	state/ut.	type of latrine										service latrine						
		flush system					septic tank					facility (code)*			total			
		1	2	3	total	(5)	(4)	(3)	(2)	(1)	(7)	(8)	(9)	(10)	1	2	3	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)					
1.	Andhra Pradesh	2.47	0.28	0.00	2.75	36.33	14.14	3.26	53.74	1.74	1.62	18.78	22.14					
2.	Assam	0.84	0.00	0.00	0.84	8.92	1.82	1.10	11.83	9.29	1.30	0.00	10.59					
3.	Bihar	4.73	2.49	0.00	7.22	33.43	6.72	2.60	42.76	7.69	2.84	0.00	10.52					
4.	Gujarat	18.06	0.41	0.00	18.47	37.01	3.60	0.00	40.61	0.22	0.00	0.00	0.22					
5.	Haryana	2.65	0.00	0.00	2.65	47.91	21.66	8.50	78.07	6.63	8.01	1.65	16.29					
6.	Himachal Pradesh	17.94	1.75	1.75	21.44	21.90	7.02	0.00	28.92	23.98	2.82	0.00	26.80					
7.	Jammu & Kashmir	1.09	0.58	0.00	1.67	1.13	0.68	0.49	2.30	14.25	6.22	13.56	34.03					
8.	Karnataka	13.64	2.27	0.00	15.91	45.58	9.40	0.00	54.97	2.17	1.80	0.00	3.97					
9.	Kerala	3.89	0.14	0.29	4.31	35.60	3.98	0.93	40.51	1.10	0.00	0.00	1.10					
10.	Madhya Pradesh	10.79	0.00	1.12	11.91	25.40	8.02	0.00	33.42	14.78	4.36	0.00	19.15					
11.	Maharashtra	7.57	2.34	0.00	10.41	26.70	25.01	7.50	59.21	1.72	2.17	5.34	9.22					
12.	Manipur	1.86	0.37	3.48	5.70	1.24	0.29	0.00	1.53	1.43	0.00	0.00	1.43					
13.	Meghalaya	8.42	0.00	0.00	8.42	4.92	0.00	0.00	4.92	38.50	3.91	0.00	42.41					
14.	Orissa	3.26	0.00	0.00	3.26	39.55	6.33	6.96	52.83	2.55	1.65	0.00	4.20					
15.	Punjab	2.75	2.50	0.00	5.25	46.46	4.65	0.00	51.11	9.56	2.93	0.00	12.49					
16.	Rajasthan	48.16	2.43	0.00	50.59	3.91	1.42	0.00	53.33	3.49	0.00	0.00	3.49					
17.	Sikkim	33.32	2.73	0.00	36.05	9.82	0.00	0.34	10.16	4.10	1.87	0.00	5.97					
18.	Tamil Nadu	6.99	4.84	0.41	12.23	54.05	19.64	2.78	76.46	1.20	0.46	0.00	1.65					
19.	Tripura	3.67	0.19	0.00	3.86	2.81	1.05	0.31	4.17	0.46	0.32	0.00	0.77					
20.	Uttar Pradesh	5.89	5.59	0.63	12.12	9.92	2.68	1.15	13.75	51.04	17.99	1.69	70.72					
21.	West Bengal	1.22	0.00	0.00	1.22	25.85	8.73	0.43	35.00	6.04	1.51	0.00	7.56					
22.	Andaman & Nicobar Islands	3.64	6.81	0.00	10.45	46.27	16.78	5.25	68.31	1.31	0.00	0.00	1.31					
23.	Arunachal Pradesh	5.41	0.29	0.00	5.69	4.43	0.93	0.52	5.88	2.79	0.00	0.00	2.79					
24.	Chandigarh	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00					
25.	Dadra & Nagar Haveli	14.27	1.38	6.10	24.75	10.19	50.66	0.00	60.84	3.05	0.00	0.00	3.05					
26.	Daman & Diu	52.02	0.00	0.00	52.02	28.84	0.00	19.15	47.98	0.00	0.00	0.00	0.00					
27.	Delhi	12.98	0.00	0.00	12.98	18.27	0.00	0.00	18.27	12.98	37.50	18.27	68.75					
28.	Goa	2.26	0.00	0.00	2.26	28.77	9.65	0.00	38.42	0.00	0.00	0.00	0.00					
29.	Lakshadweep	0.00	0.00	0.00	0.00	73.06	2.25	0.00	75.32	0.00	0.00	0.00	0.00					
30.	Mizoram	4.01	0.00	0.00	4.01	0.00	0.00	0.00	0.00	7.33	0.00	0.00	7.33					
31.	Pondicherry	12.82	36.12	0.00	48.95	21.53	6.08	0.00	27.66	0.00	0.00	0.00	0.00					
32.	All-India	7.55	1.44	0.22	9.21	25.38	6.63	1.53	33.55	9.52	3.09	2.09	14.70					
33.	estd. hhs. (00)	9352	1790	273	11416	31452	8221	1897	41570	11794	3828	2592	18214					
34.	sample hhs.	367	59	27	453	1308	289	84	1681	628	174	139	941					

\*Facility Code: households exclusive use—1, common use of households in the building—2, community use—3.

TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE—(cont'd)

(1)	(2)	type of latrine										(23)	(24)
		others					all						
		1	2	3	total	1	2	3	n.r.	total			
(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)				
1.	Andhra Pradesh	5.77	0.32	13.20	19.29	46.32	16.36	35.24	2.08	100.00	9611		
2.	Assam	69.33	5.29	1.00	75.62	88.38	8.42	2.09	1.11	100.00	15916		
3.	Bihar	19.67	4.63	0.91	25.21	65.52	16.68	3.51	14.29	100.00	6894		
4.	Gujarat	38.40	0.00	0.00	38.40	93.69	4.01	0.00	2.31	100.00	9861		
5.	Haryana	0.00	0.00	0.00	0.00	57.19	29.67	10.15	2.99	100.00	751		
6.	Himachal Pradesh	12.62	0.00	0.55	13.17	76.43	11.59	2.30	9.67	100.00	455		
7.	Jammu & Kashmir	21.90	7.81	32.06	61.77	38.37	15.29	46.11	0.24	100.00	1504		
8.	Karnataka	10.29	2.14	3.44	15.87	71.67	15.60	3.44	9.29	100.00	3384		
9.	Kerala	49.44	2.01	1.67	53.12	90.02	6.12	2.89	0.97	100.00	19495		
10.	Madhya Pradesh	15.46	1.25	8.83	25.54	66.45	13.63	9.95	9.98	100.00	2955		
11.	Maharashtra	8.16	2.71	2.51	13.39	44.14	32.73	15.35	7.77	100.00	6187		
12.	Manipur	84.33	3.07	1.29	88.69	88.86	3.73	4.78	2.64	100.00	1748		
13.	Meghalaya	41.12	3.13	0.00	44.25	92.96	7.04	0.00	0.00	100.00	461		
14.	Orissa	18.89	0.00	16.22	35.11	64.24	7.98	23.18	4.60	100.00	2231		
15.	Punjab	25.56	2.39	0.00	27.95	84.33	12.47	0.00	3.20	100.00	2340		
16.	Rajasthan	25.17	14.42	0.53	40.12	80.73	18.27	0.53	0.48	100.00	6159		
17.	Sikkim	39.05	6.13	0.00	45.17	86.28	10.72	0.34	2.65	100.00	259		
18.	Tamil Nadu	3.86	1.27	3.08	8.20	66.09	26.20	6.26	1.45	100.00	4993		
19.	Tripura	65.09	22.63	3.32	91.04	72.03	24.18	3.63	0.16	100.00	3174		
20.	Uttar Pradesh	1.84	0.17	0.83	2.84	68.69	26.44	4.31	0.57	100.00	13594		
21.	West Bengal	41.36	9.15	0.24	50.75	74.47	19.38	0.67	5.48	100.00	9913		
22.	Andaman & Nicobar Island	17.21	1.86	0.86	19.93	68.44	25.45	6.11	0.00	100.00	74		
23.	Arunachal Pradesh	53.27	25.63	4.90	83.80	65.90	26.84	5.42	1.83	100.00	729		
24.	Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	100.00	7		
25.	Dadra & Nagar Havli	3.82	0.00	0.00	3.82	31.32	55.04	6.10	7.54	100.00	35		
26.	Daman & Diu	0.00	0.00	0.00	0.00	80.85	0.00	19.15	0.00	100.00	12		
27.	Delhi	0.00	0.00	0.00	0.00	44.23	37.50	18.27	0.00	100.00	59		
28.	Goa	41.92	17.40	0.00	59.32	72.95	27.05	0.00	0.00	100.00	461		
29.	Lakshadweep	21.70	2.98	0.00	24.68	94.76	5.24	0.00	0.00	100.00	28		
30.	Mizoram	84.43	2.72	0.89	88.04	95.76	2.72	0.89	0.63	100.00	575		
31.	Pondicherry	13.31	0.00	0.00	13.31	47.72	42.20	0.00	10.08	100.00	48		
32.	All India	32.36	4.04	2.98	39.38	74.81	15.21	6.82	3.16	100.00	123913		
33.	estd. hhs. (00)	40103	5002	3688	48793	92701	18841	8450	3920	123913	x		
34.	sample hhs.	2965	408	280	3653	5268	930	530	169	6897	x		

\* Facility Code- households exclu sive use—1, common use of households in the beuilding—2, community use.—3.

TABLE (23) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY NUMBER OF HOUSEHOLDS USING LATRINE

Sl. no.	states/u.t.	percentage of households having					estimated no. of households (00)	no. of sample households	
		no latrine	latrine for exclusive use	number of households using latrine					all
				2—4	5—9	10 & above			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	90.54	4.38	1.16	0.45	3.47	100.00	101557	3154
2.	Assam	43.98	49.51	2.94	2.88	0.69	100.00	28411	1549
3.	Bihar	94.15	3.83	0.73	1.04	0.25	100.00	117840	3980
4.	Gujarat	83.41	15.54	0.53	0.51	0.00	100.00	59435	1295
5.	Haryana	96.11	2.23	0.98	0.12	0.57	100.00	19272	959
6.	Himachal Pradesh	94.57	4.15	0.66	0.62	0.00	100.00	8368	973
7.	Jammu & Kashmir	83.38	6.38	3.51	1.32	5.42	100.00	9047	2426
8.	Karnataka	93.49	4.67	0.50	0.89	0.45	100.00	51986	1664
9.	Kerala	51.54	43.69	2.95	1.48	0.33	100.00	40228	2063
10.	Madhya Pradesh	96.80	2.12	0.52	0.28	0.27	100.00	92458	2285
11.	Maharashtra	93.13	3.03	1.15	1.08	1.61	100.00	90023	2878
12.	Manipur	8.72	81.50	4.98	4.81	0.00	100.00	1914	431
13.	Meghalaya	79.37	19.17	1.45	0.00	0.00	100.00	2236	512
14.	Orissa	95.66	2.79	1.27	0.28	0.00	100.00	51354	1261
15.	Punjab	90.79	7.77	1.12	0.30	0.03	100.00	25403	2135
16.	Rajasthan	90.31	7.82	1.65	0.10	0.12	100.00	63561	1570
17.	Sikkim	52.51	40.98	3.42	2.45	0.65	100.00	545	475
18.	Tamil Nadu	93.87	4.05	1.34	0.40	0.34	100.00	81438	2921
19.	Tripura	19.93	57.68	18.66	3.38	0.35	100.00	3964	648
20.	Uttar Pradesh	92.66	5.04	1.53	0.26	0.50	100.00	185186	6926
21.	West Bengal	89.13	8.28	1.42	0.80	0.37	100.00	91174	2671
22.	Andaman & Nicobar Island	76.67	15.97	3.23	1.03	3.10	100.00	315	417
23.	Arunachal Pradesh	24.85	49.52	9.30	11.44	4.88	100.00	970	428
24.	Chandigarh	92.56	0.00	0.00	0.00	7.44	100.00	99	48
25.	Dadra & Nagar Haveli	82.90	5.36	0.75	1.29	9.71	100.00	207	144
26.	Daman & Diu	88.36	9.41	2.23	0.00	0.00	100.00	105	48
27.	Delhi	95.14	2.15	0.00	0.00	2.71	100.00	1214	90
28.	Goa	66.20	24.66	7.58	0.00	1.57	100.00	1365	138
29.	Lakshadweep	26.98	69.20	3.16	0.00	0.67	100.00	39	96
30.	Mizoram	11.54	84.71	1.44	2.14	0.17	100.00	650	526
31.	Pondicherry	92.66	3.50	1.61	0.74	1.49	100.00	660	192
32.	All India	89.04	8.21	1.33	0.66	0.75	100.00	1131026	44903



TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING

Sl. no.	state/u.t.	type of lighting					RURAL	
		no lighting	electricity	kerosene	others	n. r.	total	estimated
								no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Andhra Pradesh	2.49	38.18	59.07	0.20	0.05	100.00	10557
2.	Assam	5.64	9.10	84.77	0.21	0.27	100.00	28411
3.	Bihar	2.77	4.41	92.17	0.21	0.44	100.00	117840
4.	Gujarat	8.23	49.42	42.24	0.11	0.00	100.00	59435
5.	Haryana	0.78	57.18	41.57	0.35	0.12	100.00	19272
6.	Himachal Pradesh	3.66	83.81	12.11	0.49	0.42	100.00	8368
7.	Jammu & Kashmir	2.49	70.38	18.83	8.20	0.11	100.00	9047
8.	Karnataka	3.78	35.86	60.08	0.05	0.24	100.00	51986
9.	Kerala	1.63	42.24	55.91	0.19	0.04	100.00	40228
10.	Madhya Pradesh	6.98	29.85	62.35	0.54	0.28	100.00	92458
11.	Maharashtra	2.87	45.95	50.74	0.37	0.06	100.00	90023
12.	Manipur	1.54	29.20	63.36	5.29	0.61	100.00	1914
13.	Meghalaya	0.62	27.33	71.34	0.70	0.00	100.00	2236
14.	Orissa	2.97	10.90	85.83	0.30	0.00	100.00	51354
15.	Punjab	2.91	71.37	23.85	1.64	0.23	100.00	25403
16.	Rajasthan	1.98	22.16	74.62	1.21	0.03	100.00	63561
17.	Sikkim	2.39	57.39	39.20	0.86	0.17	100.00	545
18.	Tamil Nadu	3.33	43.22	53.17	0.12	0.16	100.00	81438
19.	Tripura	4.09	17.67	77.96	0.28	0.00	100.00	3964
20.	Uttar Pradesh	1.30	9.27	89.15	0.27	0.01	100.00	185186
21.	West Bengal	2.63	5.86	91.06	0.36	0.08	100.00	91174
22.	Andaman & Nicobar Island	0.69	52.30	33.83	13.19	0.00	100.00	315
23.	Arunachal Pradesh	15.17	21.92	38.32	22.14	2.45	100.00	970
24.	Chandigarh	2.80	90.60	6.60	0.00	0.00	100.00	99
25.	Dadra & Nagar Haveli	2.76	48.97	47.10	1.17	0.00	100.00	207
26.	Daman & Diu	9.71	86.08	4.21	0.00	0.00	100.00	105
27.	Delhi	8.53	84.69	6.77	0.00	0.00	100.00	1214
28.	Goa	6.93	80.37	12.70	0.00	0.00	100.00	1365
29.	Lakshadweep	0.00	98.74	1.26	0.00	0.00	100.00	39
30.	Mizoram	3.76	24.63	67.56	3.32	0.74	100.00	650
31.	Pondicherry	3.60	41.41	54.99	0.00	0.00	100.00	660
32.	All India	3.21	27.04	69.17	0.45	0.13	100.00	1131026

TABLE (25) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS (1) NOT ELECTRIFIED AND (2) ELECTRIFIED BY TYPE OF WIRING AND ELECTRIC METER  
RURAL

srl. no.	state/ut.	type of wiring			type of meter			n.r.	(10)	electri- fied	not electri- fied	total	estd. no. of hhs. (00)
		cond. wiring	fixed to wall	tempo- rary	n.r.	independ- ent	common						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Andhra Pradesh	4.73	21.64	11.70	0.00	22.60	9.31	6.13	0.03	38.07	61.93	100.00	101557
2.	Assam	1.00	6.52	1.15	0.00	7.17	0.27	1.03	0.19	8.67	91.33	100.00	28411
3.	Bihar	0.35	2.24	1.90	0.03	1.36	0.76	2.08	0.33	4.52	95.48	100.00	117840
4.	Gujarat	14.63	20.26	6.39	0.00	39.42	6.90	2.91	0.05	49.28	50.72	100.00	59409
5.	Haryana	1.34	43.77	11.64	0.00	38.92	13.20	4.54	0.09	56.75	43.25	100.00	19272
6.	Himachal Pradesh	3.22	77.96	2.73	0.00	70.42	12.54	0.95	0.00	83.91	16.09	100.00	8368
7.	Jammu & Kashmir	0.84	23.52	46.84	0.00	11.84	6.76	52.59	0.00	71.20	28.80	100.00	9047
8.	Karnataka	5.01	29.47	1.62	0.18	27.14	5.77	3.17	0.21	36.28	63.72	100.00	51986
9.	Kerala	13.99	27.30	0.81	0.05	38.84	2.68	0.19	0.44	42.14	57.86	100.00	40228
10.	Madhya Pradesh	6.78	11.43	11.42	0.12	11.17	6.86	11.69	0.02	29.74	70.26	100.00	92413
11.	Maharashtra	6.10	28.54	11.27	0.00	26.27	15.79	3.84	0.00	45.91	54.09	100.00	90023
12.	Manipur	1.01	20.93	7.88	0.00	22.06	4.07	3.69	0.00	29.82	70.18	100.00	1914
13.	Meghalaya	0.62	23.88	3.39	0.00	20.93	3.53	2.26	1.18	27.90	72.10	100.00	2236
14.	Orissa	0.87	8.32	1.52	0.00	5.64	2.43	2.64	0.00	10.71	89.29	100.00	51354
15.	Punjab	3.54	60.51	7.47	0.07	52.03	15.78	3.59	0.20	71.69	28.41	100.00	23356
16.	Rajasthan	4.95	9.19	7.66	0.03	13.38	4.41	3.96	0.08	21.83	78.17	100.00	63561
17.	Sikkim	9.63	38.59	9.32	0.00	43.80	8.69	4.60	0.44	57.53	42.47	100.00	545
18.	Tamil Nadu	8.14	30.94	3.96	0.00	26.81	8.30	7.88	0.04	43.03	56.97	100.00	81438
19.	Tripura	0.80	11.08	5.27	0.12	10.15	3.55	3.32	0.26	17.28	82.72	100.00	3964
20.	Uttar Pradesh	0.80	3.86	4.28	0.00	2.07	1.70	5.06	0.11	8.94	91.06	100.00	185186
21.	West Bengal	0.20	3.90	1.42	0.00	2.75	1.40	1.12	0.26	5.51	94.49	100.00	91174
22.	Andaman & Nicobar Islands	1.55	45.64	5.11	0.00	38.76	10.03	3.28	0.22	52.30	47.70	100.00	315
23.	Arunachal Pradesh	0.59	8.82	12.27	0.00	7.73	3.58	10.07	0.29	21.68	78.32	100.00	970
24.	Chandigarh	8.66	83.30	0.00	0.00	16.42	73.84	1.70	0.00	91.96	8.04	100.00	99
25.	Dadra & Nagar Haveli	15.22	35.22	0.33	0.00	32.62	7.22	10.93	0.00	50.76	49.24	100.00	207
26.	Delhi	7.52	78.58	5.39	0.00	71.22	12.65	7.61	0.00	91.48	8.52	100.00	1214
27.	Goa	2.11	71.58	4.62	0.00	48.55	18.10	11.66	0.00	78.31	21.69	100.00	1365
28.	Lakshadweep	12.36	82.93	2.39	0.00	92.19	5.50	0.00	0.00	97.68	2.32	100.00	39
29.	Mizoram	4.58	19.12	2.86	0.00	24.13	1.85	0.22	0.35	26.56	73.44	100.00	650
30.	Pondicherry	7.11	32.20	2.15	0.00	25.85	8.24	7.37	0.00	41.46	58.54	100.00	660
31.	Daman & Diu	0.00	84.01	2.07	0.00	75.74	0.00	10.34	0.00	86.08	13.92	100.00	105
32.	All-India	4.24	16.73	5.92	0.03	16.34	5.62	4.84	0.13	26.92	73.08	100.00	1130907

TABLE (26) : NUMBER OF HOUSEHOLDS REPORTING SELECTED ITEMS OF ELECTRICAL FITTINGS PER 1000 HOUSEHOLDS REPORTING ELECTRIFICATION.

sl. no.	state/u.t.	items of electrical fittings				estimated no. of hhs. (00)
		ceiling fans	other fans	air conditioners	geysers	
		(3)	(4)	(5)	(6)	
(1)	(2)					(7)
1.	Andhra Pradesh	189.02	155.41	5.07	0.97	38662
2.	Assam	261.42	332.48	0.00	0.00	2463
3.	Bihar	386.96	240.23	0.00	0.00	5331
4.	Gujarat	451.57	147.97	0.00	0.00	29279
5.	Haryana	591.96	300.69	22.95	2.50	10937
6.	Himachal Pradesh	101.27	197.28	3.77	4.15	7022
7.	Jammu & Kashmir	136.98	93.38	0.57	0.63	6441
8.	Karnataka	56.11	80.37	1.50	3.85	18863
9.	Kerala	398.84	306.61	0.00	5.76	16954
10.	Madhya Pradesh	58.94	110.60	3.63	0.00	27483
11.	Maharashtra	84.27	139.51	2.74	5.55	41326
12.	Manipur	64.55	174.53	0.00	0.00	571
13.	Meghalaya	23.63	28.63	0.00	0.00	624
14.	Orissa	303.57	357.61	0.00	0.00	5502
15.	Punjab	673.67	475.23	22.64	5.15	18154
16.	Rajasthan	345.18	280.91	23.33	0.00	13874
17.	Sikkim	21.12	0.00	0.00	0.00	314
18.	Tamil Nadu	215.48	125.52	0.00	0.71	35046
19.	Tripura	341.50	182.89	0.00	0.00	685
20.	Uttar Pradesh	273.83	241.75	8.14	6.15	16549
21.	West Bengal	571.03	211.19	0.00	0.00	5028
22.	Andaman & Nicobar Islands	375.06	83.05	0.00	0.00	165
23.	Arunachal Pradesh	308.88	48.92	0.00	0.00	210
24.	Chandigarh	515.26	315.69	39.68	0.00	91
25.	Dadra & Nagar Haveli	229.96	65.50	0.00	0.00	105
26.	Delhi	821.61	379.63	157.36	0.00	1111
27.	Goa	313.76	305.97	0.00	0.00	1069
28.	Lakshadweep	493.06	353.45	0.00	0.00	38
29.	Mizoram	0.00	9.61	7.24	0.00	173
30.	Pondicherry	353.77	163.79	0.00	0.00	274
31.	Daman & Diu	126.39	185.76	0.00	0.00	90
32.	All India	261.91	191.58	5.81	2.36	304432

TABLE (1): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH AREA OF BUILDING

sr. no.	state/u.t.	plinth area of building in sq. mt.										total	n.r.	100 or more	estimated no. of hhs. (00)	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)					(13)
		less than 10	10-20	20-30	30-40	40-50	50-75	75-100	100 or more							
		10														
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)				
1.	Andhra Pradesh	3.54	15.93	15.26	14.00	10.15	13.82	8.43	18.65	0.22	100.00	29445				
2.	Assam	4.66	16.41	15.87	12.40	12.38	21.58	9.76	6.34	0.57	100.00	3735				
3.	Bihar	8.34	15.98	16.62	13.27	12.57	12.68	9.76	10.62	0.15	100.00	19944				
4.	Gujarat	3.45	17.08	16.71	20.37	11.09	9.97	4.93	16.39	—	100.00	22184				
5.	Haryana	4.89	8.57	9.62	8.68	9.68	16.54	8.03	33.80	0.20	100.00	7643				
6.	Himachal Pradesh	17.75	17.89	13.25	14.95	8.42	13.82	7.33	6.59	—	100.00	714				
7.	Jammu & Kashmir	2.80	8.20	7.81	10.60	11.48	22.95	17.98	18.54	0.15	100.00	2382				
8.	Karnataka	8.04	18.35	14.73	11.13	10.45	13.04	8.66	15.25	0.35	100.00	22131				
9.	Kerala	3.21	7.39	12.57	15.47	15.62	23.04	11.40	11.31	—	100.00	8867				
10.	Madhya Pradesh	5.53	17.16	15.96	11.34	8.83	13.42	8.32	18.92	0.52	100.00	22133				
11.	Maharashtra	6.76	13.16	11.20	8.18	8.00	9.87	7.39	35.38	0.05	100.00	48756				
12.	Manipur	0.96	3.89	9.22	13.36	14.67	29.20	20.32	8.07	0.31	100.00	717				
13.	Meghalaya	17.98	19.18	20.57	9.07	9.51	11.50	3.29	8.31	0.58	100.00	639				
14.	Nagaland	7.68	18.63	20.94	12.64	19.68	16.46	2.30	1.66	—	100.00	250				
15.	Orissa	10.31	22.88	15.27	14.00	13.70	13.50	4.40	5.83	0.11	100.00	7465				
16.	Punjab	3.34	10.80	10.65	10.22	8.34	16.63	11.98	28.05	—	100.00	10694				
17.	Rajasthan	2.36	10.04	10.83	12.05	10.94	16.06	9.04	28.68	—	100.00	15364				
18.	Sikkim	2.93	10.11	15.28	20.57	11.95	23.61	9.30	6.27	—	100.00	103				
19.	Tamil Nadu	7.58	14.65	15.29	10.88	8.59	13.55	7.40	22.06	—	100.00	38567				
20.	Tripura	8.51	32.32	25.87	15.11	6.61	3.47	0.56	7.18	0.36	100.00	505				
21.	Uttar Pradesh	5.04	15.07	14.00	13.68	10.21	13.89	7.30	20.69	0.11	100.00	45012				
22.	West Bengal	4.07	12.88	11.52	12.48	9.73	14.44	10.17	24.72	—	100.00	32995				
23.	Andaman & Nicobar Island	0.62	4.69	15.26	12.45	14.16	21.31	10.91	20.60	—	100.00	155				
24.	Arunachal Pradesh	38.04	21.98	3.28	0.50	8.64	5.91	3.51	0.63	17.51	100.00	78				
25.	Chandigarh	—	0.56	4.17	2.03	4.13	10.68	0.63	77.80	—	100.00	1388				
26.	Dadra & Nagar Haveli	—	4.45	18.10	18.41	20.74	14.10	24.20	—	—	100.00	15				
27.	Daman & Diu	—	2.09	33.37	25.87	23.99	9.30	0.95	4.42	—	100.00	47				
28.	Delhi	10.48	12.46	13.83	6.72	10.45	8.02	8.09	29.84	0.11	100.00	14430				
29.	Goa	3.05	0.41	1.53	3.15	3.03	14.47	21.02	53.35	—	100.00	686				
30.	Lakshadweep	—	3.37	6.55	12.58	15.96	18.81	16.82	25.91	—	100.00	32				
31.	Mizoram	16.01	4.51	10.84	24.56	22.01	14.62	3.24	0.34	3.87	100.00	265				
32.	Pondicherry	15.26	30.00	18.34	8.68	7.75	10.83	5.66	3.48	—	100.00	897				
33.	All-India	5.79	14.45	13.72	12.02	9.99	13.31	8.22	22.38	0.13	100.00	358234				

TABLE (2) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH LEVEL OF BUILDING

sl. no.	state/u.t.	plinth level of buildings (code)*						total	estimated number of households (00)
		1	2	3	4	5	n. r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	17.51	58.99	19.39	2.53	1.55	0.03	100.00	29430
2.	Assam	12.84	67.01	16.71	0.91	2.36	0.17	100.00	3735
3.	Bihar	21.62	58.89	16.95	1.77	0.68	0.08	100.00	19935
4.	Gujarat	21.85	59.03	16.25	1.89	0.99	..	100.00	22184
5.	Haryana	6.77	67.49	22.00	0.77	2.98	..	100.00	7643
6.	Himachal Pradesh	25.17	66.04	3.81	0.56	4.25	0.17	100.00	714
7.	Jammu & Kashmir	17.52	56.84	23.97	1.45	0.22	..	100.00	2381
8.	Karnataka	19.90	59.87	16.01	1.39	2.00	0.83	100.00	22131
9.	Kerala	5.68	40.89	50.61	1.33	1.48	..	100.00	8867
10.	Madhya Pradesh	27.98	56.14	11.47	2.94	1.46	..	100.00	22133
11.	Maharashtra	30.58	53.75	10.57	1.84	3.18	0.09	100.00	48651
12.	Manipur	8.71	53.44	30.29	2.83	2.54	2.18	100.00	717
13.	Meghalaya	3.82	74.42	10.15	7.26	3.22	1.13	100.00	639
14.	Nagaland	19.20	70.36	8.73	1.71	..	..	100.00	250
15.	Orissa	17.18	61.73	16.69	2.72	1.57	0.11	100.00	7465
16.	Punjab	22.24	68.76	7.26	0.42	1.20	0.11	100.00	10694
17.	Rajasthan	12.98	61.76	20.20	4.28	0.78	..	100.00	15264
18.	Sikkim	17.59	46.21	16.88	6.70	12.62	..	100.00	103
19.	Tamil Nadu	15.32	64.80	16.58	1.91	1.39	..	100.00	38536
20.	Tripura	4.59	69.83	23.46	0.51	0.96	0.64	100.00	505
21.	Uttar Pradesh	18.54	64.34	14.32	1.16	1.64	..	100.00	44940
22.	West Bengal	11.29	72.44	13.56	1.58	1.13	..	100.00	32995
23.	Andaman & Nicobar Islands	10.84	71.43	13.46	2.37	1.90	..	100.00	153
24.	Arunachal Pradesh	26.79	25.89	29.26	5.28	7.57	5.21	100.00	78
25.	Chandigarh	12.37	87.63	..	..	..	..	100.00	1388
26.	Dadra & Nagar Haveli	13.35	77.75	4.45	..	4.45	..	100.00	15
27.	Daman & Diu	3.41	80.54	13.39	2.66	..	..	100.00	47
28.	Delhi	14.54	73.60	6.85	4.07	0.93	..	100.00	14425
29.	Goa	17.63	66.89	13.85	1.22	0.41	..	100.00	686
30.	Lakshadweep	6.36	63.93	29.71	..	..	..	100.00	32
31.	Mizoram	51.51	23.90	18.18	3.18	2.20	1.04	100.00	265
32.	Pondicherry	23.65	49.69	24.71	..	1.95	..	100.00	897
33.	All India	19.12	61.68	15.53	1.96	1.63	0.09	100.00	357995

\*Plinth level of building (code) : no plinth — 1, less than 0.5 mt.—2, 0.5 to 1 mt.—3, 1 to 2 mt.—4, 2 mt. or more—5.

TABLE (3) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF USE OF BUILDING

sl. no.	state/u.ts.	type of use of building (code)*							total	URBAN
										estimated no. of households (00)
		1	2	3	4	5	6	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Andhra Pradesh	93.04	1.58	0.32	2.89	0.13	2.01	0.03	100.00	29430
2.	Assam	92.22	1.82	1.10	3.73	0.15	0.97	..	100.00	3735
3.	Bihar	92.67	1.22	1.34	3.87	0.06	0.78	0.06	100.00	19935
4.	Gujarat	96.57	0.77	0.46	1.50	..	0.70	..	100.00	22184
5.	Haryana	85.91	2.24	1.44	4.92	0.66	4.82	..	100.00	7643
6.	Himachal Pradesh	87.47	2.15	0.73	6.52	0.38	2.75	..	100.00	714
7.	Jammu & Kashmir	92.00	2.10	0.11	3.27	..	2.52	..	100.00	2381
8.	Karnataka	92.53	2.18	1.00	2.22	0.25	1.80	0.02	100.00	22131
9.	Kerala	96.41	0.68	0.05	1.98	0.13	0.75	..	100.00	8867
10.	Madhya Pradesh	92.50	1.09	0.32	4.75	0.20	1.14	..	100.00	22133
11.	Maharashtra	85.73	1.80	1.09	9.06	0.93	1.39	..	100.00	48651
12.	Manipur	95.05	0.57	0.41	3.09	0.35	0.22	0.31	100.00	717
13.	Meghalaya	81.24	..	1.33	1.38	0.67	15.38	..	100.00	639
14.	Nagaland	96.57	1.30	0.22	1.91	..	..	..	100.00	250
15.	Orissa	93.30	1.24	1.48	1.98	0.12	1.87	..	100.00	7465
16.	Punjab	85.29	3.25	0.24	5.05	0.03	6.14	..	100.00	10694
17.	Rajasthan	89.15	1.27	0.62	6.10	0.45	2.41	..	100.00	15364
18.	Sikkim	78.98	..	1.46	18.92	..	0.63	..	100.00	103
19.	Tamil Nadu	90.00	2.97	0.95	4.37	0.42	1.26	0.02	100.00	38536
20.	Tripura	98.55	0.36	..	0.38	..	0.38	0.32	100.00	505
21.	Uttar Pradesh	90.37	2.42	1.04	4.28	0.23	1.66	..	100.00	44940
22.	West Bengal	89.33	2.80	1.50	4.46	0.64	1.28	..	100.00	32995
23.	Andaman & Nicobar Islands	93.60	0.85	0.79	4.01	0.75	..	..	100.00	153
24.	Arunachal Pradesh	87.27	..	1.77	6.66	..	3.38	0.92	100.00	78
25.	Chandigarh	99.28	..	..	..	..	0.72	..	100.00	1388
26.	Dadra & Nagar Haveli	100.00	..	..	..	..	..	..	100.00	15
27.	Daman & Diu	98.41	..	..	..	..	1.59	..	100.00	47
28.	Delhi	83.90	6.76	0.57	6.14	0.53	2.10	..	100.00	14425
29.	Goa	86.29	2.89	3.37	6.09	..	1.35	..	100.00	686
30.	Lakshadweep	98.23	..	1.77	..	..	..	..	100.00	32
31.	Mizoram	93.75	1.61	..	3.41	..	0.45	0.78	100.00	265
32.	Pondicherry	98.54	..	..	0.59	0.87	..	..	100.00	897
33.	All India	90.33	2.14	0.87	4.59	0.37	1.68	0.01	100.00	357995

\*Type of use of building (code) : residential—1, residential-cum-factory—2, residential-cum-office—3, residential-cum-shop—4, any combination of codes 2, 3 or 4—5, others—6.

TABLE (4) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF STRUCTURE OF BUILDING-CUM-SLUM AREA OR NOT

srl. no.	state/u.t.	slum/bustec			others			total			URBAN estd. no. of hhs. (00)				
		pucca	semi- pucca	katcha	all	type of structure			all	n.r.		all			
						pucca	semi- pucca	katcha							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1.	Andhra Pradesh	6.36	3.12	8.75	18.23	55.31	13.30	13.10	81.70	61.67	16.42	21.85	0.07	100.00	29430
2.	Assam	0.87	3.13	8.01	12.02	37.31	23.90	25.47	86.69	38.18	27.03	33.49	11.29	100.00	3735
3.	Bihar	7.01	2.95	5.76	15.72	59.32	14.72	9.99	84.02	66.33	17.67	15.75	0.25	100.00	19935
4.	Gujarat	4.74	4.39	1.73	10.86	77.03	10.73	1.39	89.14	81.77	15.11	3.12	0.00	100.00	22184
5.	Haryana	2.56	1.40	0.94	4.90	90.91	2.75	1.44	95.10	93.47	4.15	2.38	0.00	100.00	7643
6.	Himachal Pradesh	2.16	1.55	0.59	4.31	67.42	25.99	2.02	95.43	69.59	27.54	2.62	0.26	100.00	714
7.	Jammu & Kashmir	0.64	1.46	0.47	2.57	75.33	17.16	4.94	97.43	75.97	18.63	5.40	0.00	100.00	2381
8.	Karnataka	4.66	7.78	4.50	16.94	57.99	18.91	6.14	83.04	62.65	26.69	10.64	0.02	100.00	22131
9.	Kerala	1.98	1.44	0.86	4.28	66.56	16.08	12.91	95.56	68.54	17.52	13.77	0.17	100.00	8867
10.	Madhya Pradesh	5.34	9.03	3.71	18.09	49.72	26.17	6.02	81.91	55.06	35.21	9.73	0.00	100.00	22133
11.	Maharashtra	13.24	8.61	3.57	25.42	61.46	11.05	2.07	74.58	74.69	19.66	5.64	0.00	100.00	48651
12.	Manipur	0.00	0.60	2.53	3.13	8.82	47.75	38.37	94.94	8.82	48.35	40.90	1.93	100.00	717
13.	Meghalaya	1.25	1.64	2.13	5.03	64.37	22.51	8.10	94.97	65.62	24.15	10.23	0.00	100.00	639
14.	Nagaland	0.00	0.44	0.00	0.44	54.60	33.66	9.24	97.50	54.60	34.11	9.24	2.06	100.00	250
15.	Orissa	3.28	6.27	9.52	19.07	49.81	11.10	19.91	80.81	53.09	17.37	29.43	0.11	100.00	7465
16.	Punjab	3.65	2.08	0.55	6.28	85.27	5.70	2.69	93.67	88.92	7.78	3.25	0.05	100.00	10694
17.	Rajasthan	4.81	1.91	1.35	8.06	82.31	5.03	4.60	91.94	87.11	6.93	5.95	0.00	100.00	15354
18.	Sikkim	0.00	0.63	0.00	0.63	81.97	10.63	6.77	99.37	81.97	11.26	6.77	0.00	100.00	103
19.	Tamil Nadu	2.03	1.77	5.43	9.23	62.00	15.61	13.12	90.73	64.03	17.37	18.56	0.04	100.00	38536
20.	Tripura	1.66	4.47	2.17	8.30	24.76	21.38	45.24	91.38	26.42	25.85	47.91	0.32	100.00	505
21.	Uttar Pradesh	4.28	2.74	2.51	9.53	70.63	12.37	7.44	90.44	74.91	15.11	9.95	0.03	100.00	44940
22.	West Bengal	10.80	4.40	2.40	17.60	62.47	15.61	4.33	82.40	73.27	20.00	6.73	0.00	100.00	32995
23.	Andaman & Nicobar Islands	2.39	0.61	0.71	3.71	84.77	9.13	2.39	96.29	87.16	9.74	3.10	0.00	100.00	153
24.	Arunachal Pradesh	0.93	3.73	11.82	16.48	38.66	19.77	17.67	76.11	39.59	23.51	29.50	7.41	100.00	78
25.	Chandigarh	0.00	0.00	0.00	0.00	95.04	4.96	0.00	100.00	95.04	4.96	0.00	0.00	100.00	1388
26.	Dadra & Nagar Haveli	11.16	0.00	0.00	11.16	71.42	17.42	0.00	88.84	82.58	17.42	0.00	0.00	100.00	15
27.	Daman & Diu	0.00	0.00	0.00	0.00	88.22	6.20	5.58	100.00	88.22	6.20	5.58	0.00	100.00	47
28.	Delhi	11.97	5.72	1.75	19.44	77.13	2.98	0.45	80.56	89.10	8.70	2.20	0.00	100.00	14425
29.	Goa	0.41	4.71	2.00	7.11	57.07	34.05	1.77	92.89	57.47	38.76	3.77	0.00	100.00	686
30.	Lakshadweep	1.08	0.00	0.00	1.08	97.97	0.95	0.00	98.92	99.05	0.95	0.00	0.00	100.00	32
31.	Mizoram	0.00	2.75	0.00	2.75	26.38	64.84	5.00	96.22	26.38	67.59	55.00	1.04	100.00	265
32.	Pondicherry	0.88	2.60	25.69	29.17	39.19	6.35	25.29	70.83	40.08	8.95	50.97	0.00	100.00	897
33.	All-India	6.37	4.49	3.82	14.68	64.66	13.50	7.10	85.26	71.04	17.79	10.92	0.00	100.00	357995

TABLE (5) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING

sl. no.	state/u.t.	flood risk (code)*					total	estimated number of households (00)
		1	2	3	n.r.			
		(3)	(4)	(5)	(6)	(7)		
1.	Andhra Pradesh	86.21	11.58	2.16	0.05	100.00	29430	
2.	Assam	74.18	8.27	17.54	—	100.00	3735	
3.	Bihar	85.01	7.89	6.95	0.15	100.00	19935	
4.	Gujarat	91.52	5.88	2.60	—	100.00	22184	
5.	Haryana	84.20	14.51	1.29	—	100.00	7643	
6.	Himachal Pradesh	95.51	3.72	0.77	—	100.00	714	
7.	Jammu & Kashmir	88.63	5.29	6.08	—	100.00	2381	
8.	Karnataka	90.52	9.07	0.38	0.02	100.00	22131	
9.	Kerala	88.54	10.06	1.41	—	100.00	8867	
10.	Madhya Pradesh	98.30	6.15	0.45	0.10	100.00	22133	
11.	Maharashtra	87.69	11.18	1.13	—	100.00	48651	
12.	Manipur	68.95	11.67	19.07	0.31	100.00	717	
13.	Meghalaya	95.23	4.14	0.64	—	100.00	639	
14.	Nagaland	96.10	3.67	—	0.22	100.00	250	
15.	Orissa	87.49	6.68	5.71	0.11	100.00	7465	
16.	Punjab	77.67	19.87	2.41	0.05	100.00	10694	
17.	Rajasthan	93.01	4.87	2.12	—	100.00	15364	
18.	Sikkim	100.00	—	—	—	100.00	103	
19.	Tamil Nadu	85.50	10.44	4.04	0.02	100.00	38536	
20.	Tripura	80.89	11.43	7.36	0.32	100.00	505	
21.	Uttar Pradesh	87.69	10.28	2.03	—	100.00	44940	
22.	West Bengal	79.72	18.30	1.98	—	100.00	32995	
23.	Andaman & Nicobar Islands	94.84	5.16	—	—	100.00	153	
24.	Arunachal Pradesh	86.17	8.92	2.86	2.05	100.00	78	
25.	Chandigarh	100.00	—	—	—	100.00	1388	
26.	Dadra & Nagar Haveli	100.00	—	—	—	100.00	15	
27.	Daman & Diu	100.00	—	—	—	100.00	47	
28.	Delhi	84.86	13.32	1.42	—	100.00	14425	
29.	Goa	93.33	6.67	—	—	100.00	686	
30.	Lakshadweep	88.62	—	11.38	—	100.00	32	
31.	Mizoram	98.89	0.45	—	0.65	100.00	265	
32.	Pondicherry	81.51	11.49	—	—	100.00	897	
33.	All-India	86.89	10.60	2.48	0.03	100.00	357995	

\*Flood risk (code) ; no flood risk—1, water logging in monsoon with water entering premises—2, flood risk from river, sea, etc.—3.



TABLE (6) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING AND LOCATION IN SLUM/BUSTEE OR NOT

srl. no.	state/u.t.	URBAN																		
		1				2				3				n.r.				total	total	estd. no. of house-holds (00)
		yes	no	total	flood risk (code)*	yes	no	total	whether in slum/bustee	yes	no	total	total	yes	no	total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)					
1.	Andhra Pradesh	13.08	73.11	86.19	4.52	7.06	11.58	0.62	1.53	2.16	0.07	18.23	81.70	100.00	29430					
2.	Assam	9.25	64.93	74.18	0.99	6.86	7.85	1.78	15.76	17.54	0.43	12.02	87.55	100.00	3735					
3.	Bihar	12.42	72.43	84.85	2.46	5.43	7.89	0.85	6.10	6.95	0.32	15.72	83.96	100.00	19935					
4.	Gujarat	7.20	84.32	91.52	2.25	3.63	5.88	1.41	1.19	2.60	—	10.86	89.14	100.00	22184					
5.	Haryana	1.62	82.58	84.20	1.99	12.52	14.51	1.29	—	1.29	—	4.90	95.10	100.00	7643					
6.	Himachal Pradesh	4.31	90.95	95.26	—	3.72	3.72	—	0.77	0.77	0.26	4.81	95.43	100.00	714					
7.	Jammu & Kashmir	2.08	86.55	88.63	0.49	4.80	5.29	—	6.08	6.08	—	2.57	97.43	100.00	2381					
8.	Karnataka	12.71	77.81	90.52	4.23	4.84	9.07	—	0.38	0.38	0.02	16.94	83.04	100.00	22131					
9.	Kerala	2.34	86.03	88.37	1.12	8.94	10.06	0.82	0.59	1.41	0.17	4.28	95.56	100.00	8867					
10.	Madhya Pradesh	15.26	78.04	93.30	2.45	3.70	6.15	0.28	0.17	0.45	0.10	17.99	81.91	100.00	22133					
11.	Maharashtra	18.04	69.65	87.69	6.88	4.31	11.18	0.50	0.63	1.13	—	25.42	74.58	100.00	48651					
12.	Manipur	1.75	65.76	67.51	1.38	10.11	11.49	—	19.07	19.07	1.93	3.13	94.94	100.00	717					
13.	Meghalaya	4.63	90.60	95.23	0.39	3.74	4.14	—	0.64	0.64	—	5.03	94.97	100.00	639					
14.	Nagaland	0.44	93.61	94.05	—	3.67	3.67	—	—	—	2.28	0.44	97.28	100.00	250					
15.	Orissa	16.73	70.76	87.49	2.14	4.54	6.68	0.21	5.50	5.71	0.11	19.07	80.81	100.00	7465					
16.	Punjab	2.65	75.02	77.67	2.81	17.06	19.87	0.82	1.59	2.41	0.05	6.28	93.67	100.00	10694					
17.	Rajasthan	7.32	85.70	93.01	0.70	4.17	4.87	0.05	2.07	2.12	—	8.06	91.94	100.00	15364					
18.	Sikkim	0.63	99.37	100.00	—	—	—	—	—	—	—	0.63	99.37	100.00	103					
19.	Tamil Nadu	5.40	80.10	85.50	2.76	7.68	10.44	1.10	2.95	4.04	0.02	9.25	90.73	100.00	38536					
20.	Tripura	7.33	73.57	80.89	0.97	10.45	11.43	—	7.36	7.36	0.32	8.30	91.38	100.00	505					
21.	Uttar Pradesh	6.21	81.45	87.66	2.95	7.33	10.28	0.37	1.66	2.03	0.03	9.53	90.44	100.00	44940					
22.	West Bengal	11.18	68.53	79.72	6.19	12.11	18.30	0.23	1.76	1.98	—	17.60	82.40	100.00	32995					
23.	Andaman & Nicobar	2.38	92.46	94.84	1.33	3.83	5.16	—	—	—	—	3.71	96.29	100.00	153					
24.	Arunachal Pradesh	12.16	69.81	81.98	4.32	4.06	8.38	—	2.86	2.86	6.78	16.48	76.73	100.00	78					
25.	Chandigarh	—	100.00	100.00	—	—	—	—	—	—	—	—	100.00	100.00	1388					
26.	Dadra & Nagar Haveli	11.16	88.84	100.00	—	—	—	—	—	—	—	11.16	88.84	100.00	15					
27.	Daman & Diu	—	100.00	100.00	—	—	—	—	—	—	—	—	100.00	100.00	47					
28.	Delhi	9.54	75.32	84.86	8.61	5.11	13.72	1.29	0.13	1.42	—	19.44	80.56	100.00	14425					
29.	Goa	4.69	88.63	93.33	2.42	4.26	6.67	—	—	—	—	7.11	92.89	100.00	686					
30.	Lakshadweep	1.08	87.54	88.62	—	—	—	—	11.38	11.38	—	1.08	98.92	100.00	32					
31.	Mizoram	2.75	95.76	98.51	—	0.45	0.45	—	—	—	1.04	2.75	96.22	100.00	265					
32.	Pondicherry	19.22	69.29	88.51	9.95	1.54	11.49	—	—	—	—	29.17	70.83	100.00	897					
33.	All-India	10.21	76.66	86.87	3.86	6.73	10.59	0.61	1.88	2.48	0.06	14.67	85.27	100.00	357995					

\*Flood risk (code) : No flood risk—1, water logging in monsoon with water entering premises—2 flood risk from river, sea etc.—3.

TABLE (7) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY APPROACH ROAD TO BUILDING

srl. no.	state/u.t.	approach road (code)*							total	URBAN estima- ted no. of house- holds (00)
		1	2	3	4	5	n.r.			
		(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1.	Andhra Pradesh	16.61	69.87	5.37	5.63	2.49	0.03	100.00	29430	
2.	Assam	16.98	60.53	7.94	4.85	9.40	0.32	100.00	3735	
3.	Bihar	25.94	48.03	11.01	7.29	7.34	0.39	100.00	19935	
4.	Gujarat	12.72	75.75	3.87	5.41	2.22	0.03	100.00	22184	
5.	Haryana	1.71	69.38	15.92	7.60	5.39	0.00	100.00	7643	
6.	Himachal Pradesh	22.72	41.42	14.24	14.21	6.86	0.54	100.00	714	
7.	Jammu & Kashmir	17.38	35.24	10.29	25.79	11.16	0.15	100.00	2381	
8.	Karnataka	21.23	61.12	3.35	11.12	3.15	0.03	100.00	22131	
9.	Kerala	32.55	47.32	6.10	6.96	6.68	0.39	100.00	8867	
10.	Madhya Pradesh	17.07	57.63	6.83	11.52	6.86	0.09	100.00	22133	
11.	Maharashtra	24.39	60.26	4.58	7.45	3.30	0.03	100.00	48651	
12.	Manipur	25.98	61.93	4.18	2.06	5.56	0.29	100.00	717	
13.	Meghalaya	21.43	43.35	6.92	22.30	6.00	0.00	100.00	639	
14.	Nagaland	47.14	45.19	4.43	0.00	2.74	0.49	100.00	250	
15.	Orissa	21.82	55.67	7.15	9.01	4.87	1.48	100.00	7465	
16.	Punjab	10.68	47.43	18.39	10.14	13.36	0.02	100.00	10694	
17.	Rajasthan	11.15	64.54	8.16	12.79	3.35	0.00	100.00	15364	
18.	Sikkim	37.63	57.96	0.97	1.69	1.74	0.00	100.00	103	
19.	Tamil Nadu	16.90	72.53	2.83	6.30	1.42	0.02	100.00	38536	
20.	Tripura	18.43	56.09	8.98	11.59	4.60	0.31	100.00	505	
21.	Uttar Pradesh	15.93	49.35	10.96	12.62	11.00	0.13	100.00	44940	
22.	West Bengal	16.36	55.23	10.87	8.82	8.37	0.35	100.00	32995	
23.	Andaman & Nicobar	20.01	53.67	1.77	20.69	3.86	0.00	100.00	153	
24.	Arunachal Pradesh	17.32	68.95	2.98	8.64	1.37	0.24	100.00	78	
25.	Chandigarh	2.65	73.65	0.00	7.87	15.82	0.00	100.00	1388	
26.	Dadra & Nagar Haveli	28.44	51.71	14.27	0.00	5.58	0.00	100.00	15	
27.	Delhi	6.81	83.93	5.16	2.13	1.97	0.00	100.00	14425	
28.	Goa	44.71	41.06	2.13	9.62	2.48	0.00	100.00	686	
29.	Lakshadweep	57.71	23.96	9.32	2.62	6.38	0.00	100.00	32	
30.	Mizoram	36.80	49.91	6.16	5.52	1.17	0.45	100.00	265	
31.	Pondicherry	21.58	54.24	23.81	0.00	0.37	0.00	100.00	897	
32.	Daman & Diu	8.37	83.86	0.00	7.77	0.00	0.00	100.00	47	
33.	All-India	17.67	60.99	7.26	8.53	5.41	0.14	100.00	357995	

\*Approach road (code) : no direct opening to road-1, direct opening to electrified cartable road-2, non-electrified cartable road-3, electrified other road-4, non-electrified other road-5.

TABLE (8) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PROXIMITY OF BUILDING TO ANIMALSHED

srl. no.	state/u.t.	animal shed (code)*				total	estimated number of households (00)
		1	2	3	n.r.		
		(3)	(4)	(5)	(6)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	88.46	3.13	8.38	0.03	100.00	29430
2.	Assam	87.44	2.08	10.06	0.42	100.00	3735
3.	Bihar	86.94	6.97	5.50	0.59	100.00	19935
4.	Gujarat	95.28	3.59	1.12	0.00	100.00	22184
5.	Haryana	79.44	9.40	11.16	0.00	100.00	7643
6.	Himachal Pradesh	86.64	3.23	9.92	0.21	100.00	714
7.	Jammu & Kashmir	80.60	7.16	12.00	0.24	100.00	2381
8.	Karnataka	86.87	6.58	6.54	0.00	100.00	22131
9.	Kerala	82.04	3.88	13.78	0.30	100.00	8867
10.	Madhya Pradesh	88.82	7.44	3.61	0.12	100.00	22133
11.	Maharashtra	86.02	4.34	9.59	0.05	100.00	48651
12.	Manipur	77.01	4.10	18.88	0.00	100.00	717
13.	Meghalaya	90.15	0.99	8.86	0.00	100.00	639
14.	Nagaland	81.81	5.22	12.48	0.49	100.00	250
15.	Orissa	85.25	6.90	6.37	1.48	100.00	7465
16.	Punjab	60.37	11.21	28.40	1.02	100.00	10694
17.	Rajasthan	76.45	14.78	8.77	0.00	100.00	15364
18.	Sikkim	94.55	3.82	1.63	0.00	100.00	103
19.	Tamil Nadu	81.95	3.89	14.08	0.08	100.00	38536
20.	Tripura	90.62	1.89	6.77	0.73	100.00	505
21.	Uttar Pradesh	82.59	8.62	8.58	0.21	100.00	44940
22.	West Bengal	85.86	5.25	8.54	0.35	100.00	32995
23.	Andaman & Nicobar	84.77	4.25	10.98	0.00	100.00	153
24.	Arunachal Pradesh	89.85	2.53	7.39	0.24	100.00	78
25.	Chandigarh	81.01	5.24	13.74	0.00	100.00	1388
26.	Dadra, & Nagar Haveli	95.24	4.75	0.00	0.00	100.00	15
27.	Delhi	96.19	3.10	0.64	0.07	100.00	14425
28.	Goa	91.18	1.00	7.82	0.00	100.07	686
29.	Lakshadweep	88.44	0.00	11.56	0.00	100.00	32
30.	Mizoram	81.10	7.16	11.29	0.45	100.00	265
31.	Pondicherry	92.66	1.77	5.57	0.00	100.00	897
32.	Daman & Diu	98.60	0.00	1.40	0.00	100.00	47
33.	All-India	85.15	5.97	8.71	0.17	100.00	357995

\*Animal shed (code) : no animal shed-1, attached to the building-2, detach<sup>o</sup>d from the building-3.

TABLE (9): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY LOCATION IN SLUM/BUSTEE-CUM-DRAINAGE

srl. no.	state/ut.	drainage arrangement (code)*										all	estd. no. of hhs. (100)							
		1	2+3	4	(5)	4	all	(6)	1	2+3	4			(9)	4	all	(10)	1	2+3	4
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)					
1.	Andhra Pradesh	9.63	5.34	3.25	18.21	28.55	38.74	14.40	81.69	0.10	38.18	44.08	17.64	100.00	29430					
2.	Assam	9.47	2.55	0.00	12.02	38.03	48.83	0.55	87.41	0.57	47.50	51.38	0.55	100.00	3735					
3.	Bihar	7.68	7.24	0.81	15.72	22.29	48.91	12.55	83.75	0.53	29.97	56.15	13.36	100.00	19935					
4.	Gujarat	4.87	2.26	3.73	10.86	15.57	21.97	51.59	89.14	0.00	20.44	24.23	55.33	100.00	22184					
5.	Haryana	1.56	3.33	0.00	4.90	9.56	63.81	21.73	95.10	0.00	11.12	67.15	21.73	100.00	7643					
6.	Himachal Pradesh	1.05	2.65	0.61	4.31	38.84	48.63	7.75	95.22	0.47	39.89	51.28	8.36	100.00	714					
7.	Jammu & Kashmir	1.47	0.95	0.00	2.42	34.55	58.23	4.51	97.28	0.29	36.02	59.18	4.51	100.00	2381					
8.	Karnataka	8.69	6.93	1.20	16.82	22.68	33.17	27.15	83.00	0.18	31.38	40.09	28.35	100.00	22131					
9.	Kerala	3.60	0.49	0.19	4.28	73.83	10.84	10.55	95.22	0.51	77.43	11.33	10.74	100.00	8867					
10.	Madhya Pradesh	8.87	7.61	1.61	18.09	22.80	46.95	12.07	81.82	0.09	31.67	54.57	13.67	100.00	22133					
11.	Maharashtra	8.59	14.12	2.71	25.42	13.63	25.59	35.29	74.52	0.07	22.22	39.71	38.01	100.00	48651					
12.	Manipur	0.93	2.20	0.00	3.13	37.78	56.39	0.77	94.94	1.93	38.71	58.59	0.77	100.00	717					
13.	Meghalaya	1.03	3.99	0.00	5.03	13.75	70.28	10.94	94.97	0.00	14.78	74.28	10.94	100.00	639					
14.	Nagaland	0.44	0.00	0.00	0.44	39.07	57.94	0.00	97.01	2.54	39.52	57.94	0.00	100.00	250					
15.	Orissa	16.10	2.30	0.34	18.73	40.98	26.66	12.26	79.90	1.36	57.08	28.96	12.60	100.00	7465					
16.	Punjab	2.74	3.09	0.45	6.28	14.32	58.35	20.98	93.65	0.07	17.06	61.44	21.43	100.00	10694					
17.	Rajasthan	2.95	4.87	0.24	8.06	18.19	51.00	22.37	91.56	0.38	21.14	55.87	22.61	100.00	15364					
18.	Sikkim	0.00	0.63	0.00	0.63	29.34	65.86	4.17	99.37	0.00	29.34	66.49	4.17	100.00	103					
19.	Tamil Nadu	6.88	1.77	0.59	9.23	29.35	37.83	22.91	90.68	0.09	36.82	39.60	23.49	100.00	38536					
20.	Tripura	6.32	1.98	0.00	8.30	41.50	49.19	0.69	91.38	0.32	47.82	51.17	0.69	100.00	505					
21.	Uttar Pradesh	2.99	5.82	0.70	9.51	8.66	59.76	21.90	90.32	0.17	11.65	65.58	22.60	100.00	44940					
22.	West Bengal	6.85	7.73	2.96	17.55	33.32	37.93	10.79	82.05	0.40	40.18	45.67	13.76	100.00	32995					
23.	Andaman & Nicobar Is.	0.62	3.10	0.00	3.71	29.45	66.84	0.00	96.29	0.00	30.06	69.94	0.00	100.00	153					
24.	Arunachal Pradesh	9.48	6.12	0.89	16.48	18.57	56.79	1.37	76.73	6.78	28.04	62.91	2.26	100.00	78					
25.	Chandigarh	0.00	0.00	0.00	0.00	5.22	17.37	79.37	100.00	0.00	3.26	17.37	79.37	100.00	1388					
26.	Dadra & Nagar Haveli	0.00	0.00	11.16	11.16	67.35	5.58	15.91	88.84	0.00	67.35	5.58	27.07	100.00	15					
27.	Delhi	4.47	11.46	3.51	19.44	4.91	36.52	39.13	80.56	0.00	9.38	47.98	42.64	100.00	14425					
28.	Goa	5.36	1.76	0.00	7.11	53.87	21.93	17.10	92.89	0.00	59.22	23.68	17.10	100.00	686					
29.	Lakshadweep	1.08	0.00	0.00	1.08	97.45	0.00	0.00	97.45	1.48	98.52	0.00	0.00	100.00	32					
30.	Mizoram	0.93	1.82	0.00	2.75	71.62	23.12	0.57	95.31	1.94	72.55	24.94	0.57	100.00	265					
31.	Pondicherry	28.02	0.64	0.51	29.17	42.09	26.37	2.37	70.83	0.00	70.11	27.01	2.88	100.00	897					
32.	Daman & Diu	0.00	0.00	0.00	0.00	18.64	18.64	62.71	100.00	0.00	18.64	18.64	62.71	100.00	47					
33.	All-India	6.57	6.39	1.69	14.65	22.10	39.96	23.09	85.14	0.21	28.67	46.35	24.78	100.00	357995					

\*Drainage arrangement (code): no drainage—1, open katcha drainage—2, open pucca drainage—3, covered or underground drainage—4.  
 Note: N.R. includes the cases of slum/bustee and/or drainage.

TABLE (10): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF COMPOUND WALL OF BUILDING

URBAN

sl. no.	state/u.t.	compound wall						total	estimated no. of households (00)
		no wall	pucca wall	katcha wall	fence	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	63.15	28.74	2.97	2.82	2.28	0.04	100.00	29430
2.	Assam	30.85	21.92	9.67	27.58	9.44	0.55	100.00	3735
3.	Bihar	67.54	20.36	5.50	4.87	1.34	0.39	100.00	19935
4.	Gujarat	69.53	25.26	3.11	2.04	0.05	0.00	100.00	22184
5.	Haryana	26.18	68.54	4.14	0.76	0.38	0.00	100.00	7643
6.	Himachal Pradesh	66.86	16.88	0.58	1.47	14.00	0.21	100.00	714
7.	Jammu & Kashmir	45.94	37.77	6.58	4.37	5.18	0.15	100.00	2381
8.	Karnataka	70.94	22.43	2.76	2.48	1.36	0.03	100.00	22131
9.	Kerala	59.41	25.54	2.58	7.96	4.20	0.30	100.00	8867
10.	Madhya Pradesh	65.30	17.69	7.79	5.55	3.55	0.12	100.00	22133
11.	Maharashtra	72.46	20.51	2.21	3.25	1.54	0.03	100.00	48651
12.	Manipur	56.33	3.23	6.74	24.08	9.62	0.00	100.00	717
13.	Meghalaya	32.57	40.69	4.98	20.84	0.53	0.39	100.00	639
14.	Nagaland	76.60	13.57	2.47	5.20	1.20	0.98	100.00	250
15.	Orissa	67.01	23.11	1.53	5.74	1.14	1.48	100.00	7465
16.	Punjab	19.84	77.17	2.01	0.18	0.79	0.02	100.00	10694
17.	Rajasthan	39.62	49.04	8.17	2.28	0.88	0.00	100.00	15364
18.	Sikkim	86.49	4.72	0.78	8.01	0.00	0.00	100.00	103
19.	Tamil Nadu	72.32	21.70	3.35	1.83	0.71	0.09	100.00	38536
20.	Tripura	14.80	8.81	49.66	26.01	0.73	0.00	100.00	505
21.	Uttar Pradesh	50.27	42.83	4.79	1.30	0.71	0.10	100.00	44940
22.	West Bengal	60.08	32.87	1.34	4.11	1.25	0.35	100.00	52995
23.	Andaman & Nicobar Islands	65.88	6.47	1.41	23.77	2.47	0.00	100.00	153
24.	Arunachal Pradesh	35.11	0.63	13.60	34.83	14.43	1.41	100.00	78
25.	Chandigarh	22.90	71.46	0.00	5.64	0.00	0.00	100.00	1388
26.	Dadra & Nagar Haveli	88.84	0.00	0.00	11.16	0.00	0.00	100.00	15
27.	Delhi	55.92	42.41	1.43	0.13	0.03	0.07	100.00	14425
28.	Goa	77.77	13.52	4.25	0.77	3.68	0.00	100.00	686
29.	Lakshadweep	71.06	5.56	6.54	16.84	0.00	0.00	100.00	32
30.	Mizoram	72.71	1.72	11.31	11.94	1.86	0.45	100.00	265
31.	Pondicherry	82.78	9.66	0.61	0.87	6.09	0.00	100.00	897
32.	Daman & Diu	87.87	12.13	0.00	0.00	0.00	0.00	100.00	47
33.	All-India	60.72	30.72	3.70	3.25	1.47	0.14	100.00	357995

TABLE (11): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY OWNERSHIP OF DWELLING

srl. no.	state/u.t.	ownership of dwelling				total	URBAN
		owned	hired	others	n.r.		estimated no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Andhra Pradesh	47.78	41.42	10.72	0.07	100.00	29430
2.	Assam	46.95	37.81	13.40	1.84	100.00	3735
3.	Bihar	52.00	39.60	8.33	0.08	100.00	19935
4.	Gujarat	58.23	36.51	5.26	0.00	100.00	22184
5.	Haryana	67.68	27.50	4.41	0.40	100.00	7643
6.	Himachal Pradesh	47.18	46.29	6.53	0.00	100.00	714
7.	Jammu & Kashmir	82.27	12.17	5.55	0.00	100.00	2381
8.	Karnataka	51.71	40.08	7.99	0.22	100.00	22131
9.	Kerala	80.44	13.26	6.30	0.00	100.00	8867
10.	Madhya Pradesh	61.05	29.62	8.28	1.04	100.00	22133
11.	Maharashtra	49.85	42.13	7.92	0.11	100.00	48651
12.	Manipur	89.49	6.91	3.96	0.65	100.00	717
13.	Meghalaya	34.18	44.03	21.80	0.00	100.00	639
14.	Nagaland	33.73	39.85	26.42	0.00	100.00	250
15.	Orissa	43.59	40.63	15.67	0.11	100.00	7465
16.	Punjab	64.35	27.60	7.90	0.15	100.00	10694
17.	Rajasthan	66.02	27.40	6.58	0.00	100.00	15364
18.	Sikkim	21.86	75.02	3.12	0.00	100.00	103
19.	Tamil Nadu	46.26	45.50	8.12	0.12	100.00	38536
20.	Tripura	59.89	37.81	2.30	0.00	100.00	505
21.	Uttar Pradesh	62.67	29.52	7.53	0.28	100.00	44940
22.	West Bengal	47.42	42.94	9.57	0.07	100.00	32995
23.	Andaman & Nicobar Islands	18.44	50.69	30.83	0.00	100.00	153
24.	Arunachal Pradesh	28.33	8.43	63.25	0.00	100.00	78
25.	Chandigarh	18.51	73.46	8.02	0.00	100.00	1388
26.	Dadra & Nagar Haveli	49.01	39.84	11.16	0.00	100.00	15
27.	Daman & Diu	92.79	7.21	0.00	0.00	100.00	47
28.	Delhi	52.66	37.06	10.23	0.05	100.00	14425
29.	Goa	48.33	39.09	12.39	0.00	100.00	686
30.	Lakshadweep	66.57	19.02	14.41	0.00	100.00	32
31.	Mizoram	70.40	28.14	1.34	0.13	100.00	265
32.	Pondicherry	72.12	25.55	2.32	0.00	100.00	897
33.	All India	54.54	36.96	8.31	0.20	100.00	357995

TABLE (12) PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLING FOR EACH STATE/UT AND ALL-INDIA

srl. no.	state/u.t.	type of dwelling						total	no. of households (00)
		no dwelling	independent	flat	chawl	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	0.05	42.24	23.76	6.22	27.71	0.02	100.00	29445
2.	Assam	0.00	70.29	7.12	3.88	18.23	0.48	100.00	3735
3.	Bihar	0.04	51.89	20.52	8.97	18.14	0.44	100.00	19944
4.	Gujarat	0.00	60.80	19.17	12.87	7.12	0.03	100.00	22184
5.	Haryana	0.00	58.59	22.28	2.35	16.78	0.00	100.00	7643
6.	Himachal Pradesh	0.00	56.07	37.59	0.20	6.14	0.00	100.00	714
7.	Jammu & Kashmir	0.07	56.08	7.07	0.71	35.99	0.07	100.00	2382
8.	Karnataka	0.00	72.21	5.13	10.08	12.58	0.00	100.00	22131
9.	Kerala	0.00	85.83	6.03	0.92	7.19	0.02	100.00	8867
10.	Madhya Pradesh	0.00	68.98	11.18	9.12	10.43	0.29	100.00	22133
11.	Maharashtra	0.22	32.20	17.33	33.95	16.15	0.16	100.00	48756
12.	Manipur	0.00	91.39	1.01	2.71	4.89	0.00	100.00	717
13.	Meghalaya	0.00	45.15	24.95	8.06	20.83	1.01	100.00	639
14.	Nagaland	0.00	77.32	2.69	7.57	11.46	0.97	100.00	250
15.	Orissa	0.00	62.26	11.50	13.72	12.41	0.11	100.00	7465
16.	Punjab	0.00	64.86	6.06	2.09	26.94	0.05	100.00	10694
17.	Rajasthan	0.00	52.94	11.70	0.39	34.67	0.31	100.00	15364
18.	Sikkim	0.00	30.04	62.51	5.68	1.78	0.00	100.00	103
19.	Tamil Nadu	0.08	51.07	16.53	8.90	23.31	0.11	100.00	38567
20.	Tripura	0.00	83.18	6.48	7.27	3.08	0.00	100.00	505
21.	Uttar Pradesh	0.16	59.74	16.49	5.77	17.82	0.02	100.00	45012
22.	West Bengal	0.00	38.39	20.82	3.67	37.11	0.00	100.00	32995
23.	Andaman & Nicobar Island	1.23	33.68	44.11	1.64	19.34	0.00	100.00	155
24.	Arunachal Pradesh	0.00	63.05	17.78	2.61	10.99	5.57	100.00	78
25.	Chandigarh	0.00	9.93	38.56	0.00	51.51	0.00	100.00	1388
26.	Dadra & Nagar Haveli	0.00	59.58	9.21	20.05	11.16	0.00	100.00	15
27.	Daman & Diu	0.00	86.38	2.66	10.97	0.00	0.00	100.00	47
28.	Delhi	0.03	38.38	40.29	14.58	6.41	0.30	100.00	14430
29.	Goa	0.00	52.49	17.40	6.37	23.75	0.00	100.00	686
30.	Lakshadweep	0.00	95.62	1.01	0.00	3.37	0.00	100.00	32
31.	Mizoram	0.00	89.73	4.50	0.61	5.17	0.00	100.00	265
32.	Pondicherry	0.00	94.73	2.44	2.04	0.79	0.00	100.00	897
33.	All-India	0.07	52.35	17.08	10.76	19.62	0.12	100.00	358234

TABLE (13) : PERCENTAGE DISTRIBUTION OF HIRED DWELLINGS BY MONTHLY RENT CLASS AVERAGE AMOUNT OF RENT (IN Rs.) FOR THOSE DWELLINGS IN EACH RENT CLASS.

URBAN

sr.l.	state/ut.	monthly rent class (in Rs.)											total	estd. no. of hhs. (00)	no. of sample hhs.	
		0-50	50-100	100-250	250-500	500 & above	n.r.	% of hhs.	aver- age rent	% of hhs.	aver- age rent	% of hhs.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	Andhra Pradesh	22.31	34.16	24.34	80.02	31.46	176.76	15.85	353.85	4.45	1052.07	1.59	100.00	185.61	12191	854
2.	Assam	22.27	42.13	34.76	79.08	27.27	183.42	11.74	367.77	3.68	1681.85	0.28	100.00	191.95	1412	227
3.	Bihar	32.43	33.49	26.68	80.51	23.85	175.54	13.24	350.86	2.28	670.33	1.53	100.00	135.94	7894	505
4.	Gujarat	35.23	26.08	20.74	76.78	25.67	191.22	13.06	289.06	5.30	1070.27	0.00	100.00	168.70	8099	410
5.	Haryana	22.81	33.35	23.47	82.30	28.00	171.10	14.38	359.95	9.28	909.42	2.06	100.00	211.00	2102	121
6.	Himachal Pradesh	33.52	32.45	23.48	84.15	27.67	166.87	11.62	355.92	2.52	712.14	1.19	100.00	136.09	330	142
7.	Jammu & Kashmir	19.49	35.30	20.73	85.39	41.21	169.45	15.63	339.30	2.26	740.02	0.69	100.00	164.15	290	123
8.	Karnataka	21.26	31.49	19.99	85.12	35.78	178.04	18.73	372.38	3.50	1227.64	0.73	100.00	200.16	8870	568
9.	Kerala	24.01	33.60	18.17	80.39	32.76	164.29	18.81	398.49	5.80	962.55	0.43	100.00	207.34	1176	116
10.	Madhya Pradesh	35.50	35.01	21.83	78.41	25.39	161.39	10.37	357.79	6.05	3038.00	0.86	100.00	291.54	6557	489
11.	Maharashtra	43.93	27.80	21.08	79.72	25.89	161.21	5.41	364.07	2.99	730.39	0.70	100.00	112.32	20495	1364
12.	Manipur	5.02	50.00	16.06	86.25	65.46	173.33	6.06	400.00	7.40	1590.26	0.00	100.00	271.75	42	23
13.	Mizoram	19.47	49.10	14.37	96.53	39.03	179.58	21.15	360.03	3.98	700.92	2.01	100.00	197.54	281	127
14.	Nagaland	0.78	40.00	10.77	95.72	60.62	184.63	23.03	338.33	4.80	766.29	0.00	100.00	237.25	100	84
15.	Orissa	37.67	30.61	20.46	79.76	28.37	174.25	10.98	377.58	2.52	681.05	0.00	100.00	135.91	3033	288
16.	Punjab	23.42	32.11	23.05	84.87	33.75	167.54	12.39	349.99	5.63	873.49	1.75	100.00	176.18	2952	399
17.	Rajasthan	27.04	34.93	30.93	81.80	28.02	171.27	10.13	356.42	3.58	1344.63	0.30	100.00	167.01	4209	307
18.	Sikkim	3.28	33.79	11.40	85.06	38.94	201.51	38.09	363.46	8.29	696.51	0.00	100.00	285.47	77	110
19.	Tamil Nadu	27.79	32.68	24.77	82.09	30.20	175.56	11.31	354.26	3.61	755.90	2.31	100.00	149.80	17535	1122
20.	Tripura	17.07	43.59	24.07	81.27	45.90	167.69	9.75	364.99	1.18	5887.50	2.03	100.00	209.08	191	94
21.	Uttar Pradesh	37.53	28.28	22.96	77.79	24.51	174.84	10.47	362.74	3.79	1018.00	0.74	100.00	147.87	13265	859
22.	West Bengal	49.86	28.37	23.53	74.08	16.39	170.58	8.51	359.15	1.66	917.49	0.06	100.00	105.30	14169	904
23.	Andaman & Nicobar	10.94	41.20	15.67	81.66	51.04	189.77	17.64	365.83	4.71	943.70	0.00	100.00	223.17	77	94
24.	Arunachal Pradesh	43.51	45.65	0.00	0.00	0.00	0.00	33.39	391.24	23.10	658.90	0.00	100.00	302.70	7	10
25.	Chandigarh	39.91	40.96	4.50	82.16	32.94	156.99	18.00	396.09	4.65	611.08	0.00	100.00	164.25	1019	58
26.	Dadra & Nagar Haveli	0.00	0.00	16.67	88.66	71.39	160.73	11.94	400.00	0.00	0.00	0.00	100.00	177.29	6	9
27.	Delhi	23.06	30.50	12.71	82.46	24.19	187.40	21.34	363.51	17.39	1129.34	1.32	100.00	336.80	5346	330
28.	Goa	9.76	27.37	22.12	72.72	32.87	155.92	22.36	348.80	12.88	659.55	0.00	100.00	232.97	268	38
29.	Lakshadweep	22.23	36.98	25.06	85.56	52.71	171.96	0.00	0.00	0.00	0.00	0.00	100.00	120.31	6	9
30.	Mizoram	2.84	50.00	0.00	0.00	53.43	204.49	31.61	341.83	6.34	923.70	5.79	100.00	277.24	75	79
31.	Pondicherry	33.25	35.81	12.09	81.08	33.15	157.16	13.63	437.26	7.88	2305.26	0.00	100.00	315.11	229	36
32.	Daman & Diu	0.00	0.00	0.00	0.00	41.13	200.00	58.87	406.39	0.00	0.00	0.00	100.00	321.50	3	6
33.	All-India	33.51	30.42	22.58	79.77	26.92	173.32	11.76	355.66	4.25	1121.62	0.93	100.00	164.43	132307	9975



TABLE (13A) : PERCENTAGE DISTRIBUTION OF NOT HIRED DWELLINGS BY MONTHLY RENT CLASS AND AVERAGE AMOUNT OF IMPUTED RENT (IN RS.) FOR THOSE DWELLINGS IN EACH RENT CLASS.

state/u.t.	(1)	(2)	monthly rent class (in Rs.)										(16)	(17)			
			0—50		50—100		100—250		250—500		500 & above				total	no. of hhs.	no. of sample hhs.
			% of hhs.	aver- age rent	% of hhs.	aver- age rent	% of hhs.	aver- age rent	% of hhs.	aver- age rent	% of hhs.	aver- age rent					
1. Andhra Pradesh	33.90	35.03	20.18	85.47	24.31	176.79	12.00	365.73	6.54	2188.88	3.07	100.00	259.07	17219	1187		
2. Assam	7.79	39.33	13.58	82.92	23.78	185.81	26.51	402.10	17.58	971.67	10.76	100.00	335.90	2254	408		
3. Bihar	18.19	39.05	20.55	88.96	27.77	182.98	21.27	379.05	8.91	1050.55	3.32	100.00	250.45	12026	768		
4. Gujarat	10.96	44.88	16.40	86.72	27.32	179.70	22.98	384.58	21.00	1065.80	1.33	100.00	380.48	14085	880		
5. Haryana	7.00	46.39	15.38	92.75	29.55	180.45	32.31	372.67	15.16	1010.63	0.60	100.00	344.45	5510	355		
6. Himachal Pradesh	7.55	37.26	8.51	100.00	24.03	194.87	24.72	381.18	20.91	1303.71	14.28	100.00	425.05	383	146		
7. Jammu & Kashmir	7.22	38.58	11.82	91.86	28.18	194.55	34.40	377.27	15.50	1020.01	2.88	100.00	356.33	2091	1076		
8. Karnataka	18.61	38.28	19.47	88.88	26.80	181.54	21.09	402.47	10.45	1588.21	3.58	100.00	323.88	13212	818		
9. Kerala	17.46	43.24	12.40	89.34	29.90	189.72	24.76	391.86	12.81	1078.70	2.67	100.00	310.52	7691	748		
10. Madhya Pradesh	24.35	38.67	24.13	85.65	23.83	182.28	14.52	385.56	7.62	2521.69	5.56	100.00	321.56	15346	1108		
11. Maharashtra	19.14	38.66	22.50	85.69	21.71	182.96	17.67	398.57	17.34	1599.13	1.64	100.00	414.13	28101	1916		
12. Manipur	0.86	40.15	8.90	91.43	48.17	185.17	17.66	377.51	15.56	3880.61	8.85	100.00	767.99	670	402		
13. Meghalaya	5.87	40.28	22.29	92.38	16.67	178.91	15.83	394.91	23.42	1097.14	15.92	100.00	372.27	358	152		
14. Nagaland	0.51	2.00	13.56	100.00	16.17	192.60	40.81	421.31	7.79	680.56	21.15	100.00	269.67	150	108		
15. Orissa	41.81	35.69	19.10	83.29	24.70	174.60	8.05	421.12	5.67	868.11	0.68	100.00	157.07	4423	424		
16. Punjab	6.91	42.86	12.53	92.85	30.65	192.49	34.03	391.67	14.86	1318.68	1.02	100.00	402.80	7727	1133		
17. Rajasthan	17.34	43.37	18.66	90.05	29.14	180.76	22.18	387.82	11.80	1122.87	0.88	100.00	295.53	11154	737		
18. Sikkim	0.00	0.00	0.00	0.00	16.65	236.64	46.85	422.34	30.15	1106.34	6.35	100.00	570.84	26	34		
19. Tamil Nadu	31.68	34.42	25.29	84.49	22.51	179.31	13.33	382.37	5.67	1153.12	1.52	100.00	189.04	20955	1406		
20. Tripura	3.42	32.08	13.45	91.64	26.28	196.99	28.17	395.28	11.62	1197.57	17.06	100.00	315.75	314	175		
21. Uttar Pradesh	19.26	40.17	22.08	89.31	28.96	186.53	18.57	382.59	9.36	1529.06	1.78	100.00	295.61	31547	2064		
22. West Bengal	22.42	39.89	19.72	85.27	23.51	186.01	19.70	384.03	12.05	1153.60	2.60	100.00	284.12	18304	1262		
23. Andaman & Nicobar	2.87	50.00	21.89	93.47	27.49	198.68	34.33	404.53	9.82	1290.98	3.60	100.00	342.15	75	95		
24. Arunachal Pradesh	1.65	37.17	17.87	66.82	6.65	177.66	3.76	395.21	1.68	1553.28	68.40	100.00	65.33	71	109		
25. Chandigarh	17.85	16.05	9.69	100.00	10.35	193.30	13.92	379.99	48.19	1318.59	0.00	100.00	720.91	368	32		
26. Dadra & Nagar Haveli	27.82	22.00	0.00	0.00	30.32	205.16	33.96	354.94	7.91	600.00	0.00	100.00	236.30	9	15		
27. Delhi	5.33	40.26	4.27	84.18	13.03	202.69	32.69	396.09	43.74	2091.42	0.94	100.00	1076.46	9073	624		
28. Goa	10.53	29.97	8.97	92.81	15.49	192.05	39.97	389.33	24.37	776.60	0.67	100.00	386.08	418	58		
29. Lakshadweep	2.34	50.00	17.20	95.53	66.56	181.05	11.72	305.00	2.18	1581.37	0.00	100.00	208.38	26	63		
30. Mizoram	0.46	18.89	3.11	93.52	23.83	216.57	57.46	381.43	14.36	1011.39	0.78	100.00	419.02	190	207		
31. Pondicherry	52.31	32.87	11.98	95.99	13.57	184.97	14.55	413.17	7.60	1877.54	0.00	100.00	256.57	668	104		
32. Daman & Diu	2.46	50.00	21.43	91.13	3.60	250.00	41.31	410.82	31.12	737.05	0.00	100.00	429.03	44	42		
33. All-India	20.21	38.36	19.51	87.11	25.23	183.64	19.79	387.43	12.85	1501.90	2.41	100.00	340.77	224987	18656		

Note : no average rent for n.r. cases.

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ALL-INDIA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.73	0.84	22.05	6.31	2.97	2.07
2.	10—20	1.56	0.66	19.43	4.61	2.89	1.99
3.	20—30	1.64	0.80	20.02	5.42	2.83	2.17
4.	30—40	1.63	0.88	22.09	6.33	3.38	2.31
5.	40—50	1.65	0.99	21.38	6.60	3.35	2.65
6.	50—60	1.70	1.00	21.21	6.40	3.60	1.93
7.	60—70	1.88	1.28	23.74	8.68	2.75	2.30
8.	70—80	1.76	1.44	24.11	10.58	3.37	2.21
9.	80—90	1.81	1.62	24.39	9.48	3.64	2.14
10.	90—95	1.93	1.71	26.72	10.50	3.61	2.18
11.	95—100	2.16	2.17	32.79	13.33	4.12	2.32
12.	n.r.	2.03	1.19	31.42	8.67	2.90	1.93
13.	all classes	1.77	1.23	23.45	8.10	3.33	2.20
14.	estd. no. of room/area (00)	632118	440913	8396746	2898719	1191418	789281

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ANDHRA PRADESH		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.37	0.75	17.74	4.61	1.72	1.91
2.	10—20	1.23	0.60	15.32	3.34	1.62	2.22
3.	20—30	1.33	0.63	16.49	5.12	2.44	2.01
4.	30—40	1.42	0.71	20.07	6.79	4.27	3.02
5.	40—50	1.33	0.68	18.22	4.59	1.58	2.23
6.	50—60	1.34	0.86	16.65	6.57	1.32	2.76
7.	60—70	1.54	1.03	20.02	6.61	2.58	2.48
8.	70—80	1.64	1.51	30.64	42.14	2.43	5.42
9.	80—90	1.64	1.50	21.95	9.38	3.32	3.60
10.	90—95	1.91	2.06	24.96	13.60	3.75	2.35
11.	95—100	2.42	2.37	37.10	14.80	2.98	3.87
12.	n.r.	1.60	1.08	23.88	9.87	0.14	6.77
13.	all classes	1.54	1.11	21.46	10.82	2.53	2.97
14.	estd. no. of room/area (00)	45224	32802	631639	318311	74429	87539

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ASSAM		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.35	1.34	40.74	25.68	5.95	3.46
2.	10—20	1.75	0.81	36.58	18.10	3.66	2.95
3.	20—30	1.87	1.62	35.73	14.93	5.07	1.13
4.	30—40	2.00	1.18	27.97	12.68	2.33	3.65
5.	40—50	2.15	1.05	32.30	11.54	8.06	4.15
6.	50—60	1.89	0.86	25.67	9.55	2.63	4.30
7.	60—70	2.42	1.30	35.22	12.85	2.92	5.02
8.	70—80	2.06	1.06	32.41	10.65	3.30	4.14
9.	80—90	2.27	1.42	31.43	12.30	4.82	4.56
10.	90—95	2.03	1.18	42.63	21.83	5.25	2.51
11.	95—100	1.60	1.04	29.36	17.02	3.90	2.92
12.	n.r.	1.67	0.95	33.33	8.64	0.75	0.91
13.	all classes	2.02	1.16	33.16	13.90	4.17	3.55
14.	estd. no. of room/area (00)	7562	4322	123838	51915	15571	13269

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (VI) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

BIHAR		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.86	0.57	22.01	5.40	3.14	3.88
2.	10—20	1.69	0.58	22.07	3.86	4.64	1.84
3.	20—30	1.78	0.45	24.33	3.89	5.13	1.62
4.	30—40	1.87	0.53	23.61	5.36	5.69	1.17
5.	40—50	1.93	0.86	26.84	6.62	6.91	1.06
6.	50—60	1.90	0.72	25.28	5.15	4.37	3.02
7.	60—70	2.00	1.08	27.58	6.51	6.44	2.81
8.	70—80	1.95	0.88	24.59	4.77	5.55	2.98
9.	80—90	1.72	1.28	23.84	4.78	4.12	2.33
10.	90—95	1.88	1.13	26.36	7.11	4.88	1.26
11.	95—100	1.84	0.96	23.86	7.80	6.38	1.72
12.	n.r.	1.64	0.79	24.03	5.12	3.34	0.74
13.	all classes	1.84	0.85	24.54	5.53	5.15	2.15
14.	estd. no. of room/area (00)	36751	16948	489138	110238	102591	42918

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

GUJARAT		URBAN					
sr l. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.55	0.80	19.67	4.43	0.95	0.73
2.	10—20	1.52	0.81	20.66	4.08	3.13	1.15
3.	20—30	1.74	0.72	23.91	5.68	3.47	1.51
4.	30—40	1.52	1.06	24.22	8.26	3.49	2.17
5.	40—50	1.63	1.08	23.44	8.21	3.35	1.66
6.	50—60	1.77	1.25	26.39	8.98	4.83	2.60
7.	60—70	1.45	1.71	20.64	8.98	3.77	1.48
8.	70—80	1.55	1.72	25.03	9.31	4.91	1.52
9.	80—90	1.83	2.15	30.80	12.40	5.98	2.18
10.	90—95	1.94	2.05	27.76	13.51	3.25	1.75
11.	95—100	2.50	2.51	38.99	17.39	3.19	3.66
12.	n.r.	1.67	0.38	290.19	83.63	4.71	0.00
13.	all classes.	1.71	1.48	25.95	9.38	3.86	1.86
14.	estd. no. of room/area (00)	38002	32748	575704	208123	85659	41164

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

HARYANA		URBAN					
sr l. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.98	1.88	25.97	6.05	3.41	1.03
2.	10—20	2.18	0.67	19.81	3.40	3.16	0.62
3.	20—30	1.77	1.08	21.70	7.20	3.04	0.29
4.	30—40	1.83	1.04	22.53	8.92	2.11	0.51
5.	40—50	1.63	1.11	21.19	5.07	3.10	0.85
6.	50—60	2.27	1.95	30.16	13.83	2.40	0.06
7.	60—70	1.82	1.71	28.82	8.45	4.44	0.96
8.	70—80	2.13	2.13	30.15	10.25	7.87	0.36
9.	80—90	1.89	2.07	25.56	9.50	3.60	0.86
10.	90—95	2.37	3.02	33.34	20.26	5.15	3.46
11.	95—100	2.72	3.52	44.01	17.64	4.73	4.75
12.	n.r.	1.80	1.61	16.22	6.42	0.00	0.00
13.	all classes.	2.01	1.79	27.11	9.58	4.01	2.10
14.	estd. no. of room/area (00)	15394	13688	207225	73230	30627	8396

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## HIMACHAL PRADESH

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.77	0.92	20.74	8.01	1.02	2.98
2.	10—20	2.66	1.33	30.68	9.24	1.79	3.16
3.	20—30	2.30	1.33	30.23	7.80	3.84	1.90
4.	30—40	3.17	1.04	38.00	6.57	4.15	4.55
5.	40—50	2.60	0.91	31.22	5.40	5.37	0.67
6.	50—60	2.14	1.16	22.66	8.45	2.14	1.78
7.	60—70	2.57	1.25	33.40	10.53	3.82	7.11
8.	70—80	2.10	1.02	22.66	7.36	2.61	1.37
9.	80—90	2.43	1.46	28.21	8.92	2.32	1.19
10.	90—95	1.91	1.20	21.78	7.71	1.86	1.14
11.	95—100	2.05	1.20	24.31	9.01	4.65	1.95
12.	n.r.	1.30	1.30	16.10	7.30	7.20	7.70
13.	all classes.	2.30	1.17	27.00	8.10	3.03	2.36
14.	estd. no. of room/area (00)	1639	838	19273	5782	2164	1684

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## JAMMU &amp; KASHMIR

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.74	1.22	35.93	8.77	1.59	0.61
2.	10—20	2.52	1.35	35.86	12.32	2.08	0.70
3.	20—30	2.94	1.47	38.08	14.09	1.71	1.21
4.	30—40	3.04	1.62	36.74	13.46	1.82	0.44
5.	40—50	2.36	1.36	33.53	13.26	2.11	1.15
6.	50—60	3.02	1.44	38.60	13.53	1.55	0.97
7.	60—70	2.98	1.67	39.60	14.04	1.75	0.81
8.	70—80	2.86	1.50	37.51	13.46	1.25	1.42
9.	80—90	2.47	1.38	32.87	9.72	1.25	1.41
10.	90—95	2.72	1.60	36.78	11.34	0.99	2.11
11.	95—100	2.46	1.66	32.95	12.22	2.49	2.92
12.	n.r.	2.26	2.16	29.43	13.40	1.34	1.25
13.	all classes.	2.72	1.48	36.04	12.37	1.68	1.25
14.	estd. no. of room/area (00)	6483	3530	85797	29459	4004	2973

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

KARNATAKA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.52	1.02	20.80	9.36	1.38	2.72
2.	10—20	1.29	1.06	14.64	8.13	0.84	1.32
3.	20—30	1.50	1.05	17.76	7.73	0.63	2.06
4.	30—40	1.60	1.33	26.35	8.93	1.72	1.01
5.	40—50	1.58	1.44	18.90	10.97	2.12	0.77
6.	50—60	1.68	1.40	19.30	10.57	1.91	0.93
7.	60—70	1.84	1.70	22.18	11.43	1.18	1.07
8.	70—80	1.86	1.72	23.59	11.56	1.62	1.99
9.	80—90	1.99	1.90	23.01	11.78	1.54	0.81
10.	90—95	2.08	2.30	29.72	15.24	1.87	1.92
11.	95—100	2.26	2.22	33.24	13.97	2.36	1.46
12.	n.r.	1.12	0.84	6.74	3.54	0.00	0.00
13.	all classes	1.75	1.57	22.59	10.84	1.56	1.39
14.	estd. no. of room/area (00)	38821	34728	499991	239786	34441	30821

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

KERALA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.58	1.58	22.64	11.74	2.47	4.81
2.	10—20	2.72	1.75	26.65	12.02	2.49	3.64
3.	20—30	2.72	1.71	25.10	11.86	1.36	6.16
4.	30—40	2.57	2.04	23.81	12.27	2.07	4.97
5.	40—50	2.68	2.17	26.33	15.97	2.53	5.74
6.	50—60	2.79	1.96	27.22	12.00	2.38	3.26
7.	60—70	2.95	2.66	29.59	14.88	2.33	4.83
8.	70—80	2.72	2.57	28.96	17.39	2.48	5.66
9.	80—90	2.70	2.93	30.95	16.94	3.97	3.64
10.	90—95	3.31	3.11	42.56	20.83	5.12	3.17
11.	95—100	3.03	3.55	40.06	26.01	5.17	4.76
12.	n.r.	3.39	1.00	34.97	9.86	0.00	1.84
13.	all classes	2.79	2.42	29.53	15.82	2.97	4.59
14.	estd. no. of room/area (00)	24345	21472	261848	140300	26361	40695

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## MADHYA PRADESH

## URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.32	0.65	35.72	9.23	3.75	1.54
2.	10—20	1.89	0.45	25.72	5.09	4.61	1.44
3.	20—30	1.76	0.52	25.47	5.14	2.89	1.89
4.	30—40	1.80	0.62	27.08	4.98	2.48	2.98
5.	40—50	1.83	0.59	28.25	7.11	3.33	1.65
6.	50—60	2.17	0.80	30.33	7.17	2.97	2.74
7.	60—70	2.15	0.61	24.59	4.03	6.11	2.39
8.	70—80	2.08	0.93	31.97	8.51	3.07	2.67
9.	80—90	2.12	0.94	31.00	8.10	2.90	2.31
10.	90—95	2.12	1.16	32.36	11.94	9.79	3.06
11.	95—100	2.37	1.40	31.31	9.78	4.29	1.76
12.	n.r.	3.47	0.85	48.60	7.57	5.01	3.92
13.	all classes	2.07	0.79	29.53	7.25	4.04	2.24
14.	estd. no. of room/area (00)	45829	17448	653609	160485	89459	49640

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## MAHARASHTRA

## URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.40	0.48	17.25	3.19	2.19	0.90
2.	10—20	1.45	0.44	16.78	2.94	1.10	0.87
3.	20—30	1.35	0.70	16.29	4.39	1.42	1.58
4.	30—40	1.35	0.77	15.70	5.92	1.02	2.00
5.	40—50	1.34	0.77	15.98	5.65	1.28	1.47
6.	50—60	1.48	0.72	17.10	5.07	1.35	0.60
7.	60—70	1.37	1.00	15.74	6.58	1.41	0.71
8.	70—80	1.38	1.01	19.02	6.68	2.14	0.54
9.	80—90	1.52	1.48	24.98	10.63	1.34	1.38
10.	90—95	1.53	1.83	24.57	11.22	2.42	0.82
11.	95—100	1.96	2.38	32.61	17.48	3.03	1.34
12.	n.r.	1.50	1.26	28.69	41.19	5.73	0.00
13.	all classes	1.46	1.04	19.52	7.23	1.66	1.10
14.	estd. no. of room/area (00)	70829	50477	949657	351523	80955	53624

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MANIPUR		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.95	0.80	51.06	12.84	9.22	6.25
2.	10—20	2.83	0.87	47.98	8.46	1.58	10.20
3.	20—30	2.56	0.86	38.44	11.36	5.27	10.46
4.	30—40	2.75	1.43	34.78	9.77	2.32	5.77
5.	40—50	2.77	1.17	36.41	12.89	2.29	11.41
6.	50—60	3.46	0.85	47.27	8.63	4.38	8.70
7.	60—70	2.66	1.20	40.60	11.33	3.52	6.30
8.	70—80	3.21	0.76	47.44	9.77	6.75	4.51
9.	80—90	2.62	1.29	44.90	6.74	5.43	5.59
10.	90—95	2.62	0.86	42.98	11.03	4.18	5.99
11.	95—100	3.24	0.72	48.02	11.96	5.68	5.45
12.	n.r.	2.34	1.00	42.79	13.84	10.55	1.60
13.	All Classes	2.85	1.01	43.32	10.38	4.58	7.28
14.	estd. no. of room/area (00)	2045	727	31052	7437	3280	5218

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MEGHALAYA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.57	0.96	74.73	13.56	4.92	1.38
2.	10—20	1.41	0.84	26.22	10.17	3.65	1.65
3.	20—30	2.06	0.89	24.91	10.78	2.54	0.91
4.	30—40	2.33	0.99	22.26	8.31	4.01	0.35
5.	40—50	2.70	1.06	36.54	15.35	6.75	2.11
6.	50—60	2.07	0.68	23.90	7.64	3.46	1.04
7.	60—70	1.70	0.81	35.80	8.59	12.00	2.24
8.	70—80	2.27	1.33	28.51	11.99	6.45	2.38
9.	80—90	1.63	0.79	22.91	7.68	5.03	2.24
10.	90—95	2.05	1.24	26.24	10.64	5.56	2.36
11.	95—100	1.99	1.05	32.86	12.08	6.81	0.32
12.	n.r.	1.00	1.00	24.00	18.00	12.00	0.00
13.	all classes	1.93	0.95	31.29	10.25	5.73	1.59
14.	estd. no. of room/area (00)	1236	605	19994	6549	3660	1016



TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

NAGALAND		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.21	1.30	18.36	12.39	3.13	1.36
2.	10—20	2.12	1.07	21.00	10.34	5.16	2.00
3.	20—30	1.64	0.82	21.00	9.11	1.85	1.91
4.	30—40	2.30	1.10	24.17	10.64	3.41	1.41
5.	40—50	1.66	0.93	21.49	9.76	0.79	2.15
6.	50—60	2.38	0.94	25.56	7.44	1.81	1.78
7.	60—70	2.25	1.47	27.05	12.35	0.90	2.46
8.	70—80	1.86	1.24	26.94	15.00	0.45	3.56
9.	80—90	2.28	0.96	24.91	12.08	0.50	0.75
10.	90—95	2.37	1.42	34.94	13.03	7.63	3.97
11.	95—100	2.02	1.03	19.51	9.60	1.85	3.51
12.	n.r.	2.31	0.31	15.00	1.56	0.00	0.00
13.	all classes	2.07	1.09	23.87	11.12	2.16	2.18
14.	estd. no. of room/area (00)	519	273	5972	2781	541	544

TABLE (14): AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ORISSA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.40	0.77	18.28	5.87	3.35	2.48
2.	10—20	1.31	0.52	15.39	4.50	1.64	1.62
3.	20—30	1.55	0.82	17.52	5.30	1.40	2.57
4.	30—40	1.34	1.07	16.15	8.78	1.04	3.69
5.	40—50	1.50	0.66	17.31	5.70	2.87	3.17
6.	50—60	1.67	1.34	22.22	9.02	2.76	5.68
7.	60—70	1.58	1.00	18.40	7.88	2.38	4.57
8.	70—80	1.55	1.23	20.07	10.04	2.00	2.74
9.	80—90	1.53	1.27	21.03	7.19	3.17	3.37
10.	90—95	1.98	1.50	32.66	8.82	3.58	2.73
11.	95—100	1.93	1.64	32.78	13.77	3.20	3.18
12.	n.r.	1.16	0.14	15.94	2.90	0.29	1.06
13.	all classes	1.64	1.07	20.75	7.81	2.50	3.27
14.	estd. no. of room/area (00)	12227	8002	154918	58294	18624	24427

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOM (IV) OTHER ROOMS (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## PUNJAB

## URBAN

srl. no	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.78	1.09	26.58	6.00	2.32	1.67
2.	10—20	1.62	1.07	23.77	7.23	1.35	2.97
3.	20—30	1.59	1.06	21.69	6.31	1.74	1.56
4.	30—40	1.87	1.42	24.45	6.76	1.90	1.49
5.	40—50	1.62	1.21	23.29	7.96	2.76	1.43
6.	50—60	2.18	1.85	30.14	10.75	2.81	2.96
7.	60—70	1.86	1.73	26.13	8.52	3.11	2.40
8.	70—80	1.93	1.90	27.56	10.59	3.81	3.13
9.	90—90	2.04	1.89	28.30	11.31	4.23	2.84
10.	90—95	2.18	1.94	29.84	10.59	4.71	2.82
11.	95—100	2.28	2.59	36.25	13.23	5.17	3.85
12.	n.r.	2.28	1.22	28.61	12.16	0.03	1.90
13.	all classes	1.91	1.64	26.98	9.21	3.12	2.49
14.	estd. no. of room/area (00)	20395	17485	288530	98446	33321	26610

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## RAJASTHAN

## URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.07	0.83	25.91	4.52	5.46	1.50
2.	10—20	2.04	1.07	23.55	6.78	4.57	4.69
3.	20—30	1.82	0.91	21.01	5.69	4.45	1.06
4.	30—40	2.06	1.14	24.07	7.60	4.40	2.00
5.	40—50	2.09	1.14	21.47	6.65	6.81	1.05
6.	50—60	1.99	1.27	22.93	5.45	3.59	1.95
7.	60—70	2.41	1.77	23.48	11.98	3.47	2.27
8.	70—80	2.42	1.69	27.50	7.93	6.38	1.65
9.	80—90	2.65	2.00	26.69	10.24	4.75	3.26
10.	90—95	1.94	1.86	25.99	8.30	4.93	0.68
11.	95—100	2.06	1.52	23.61	6.29	5.23	2.08
12.	n.r.	3.52	1.14	41.25	4.98	2.12	4.80
13.	all classes	2.17	1.41	24.42	7.44	4.89	2.06
14.	estd. no. of room/area (00)	33343	21590	375216	114281	75120	31621

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

SIKKIM		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.49	1.49	28.08	21.81	3.58	1.40
2.	10—20	2.73	3.12	22.67	17.41	2.47	0.22
3.	20—30	1.51	0.89	25.47	11.38	1.28	0.00
4.	30—40	2.94	2.00	62.07	27.92	4.45	0.00
5.	40—50	1.34	1.30	23.65	20.03	2.20	0.00
6.	50—60	1.96	1.67	31.01	24.88	6.15	0.18
7.	60—70	1.90	1.29	27.22	16.51	3.65	1.39
8.	70—80	1.40	1.01	22.28	11.87	2.59	0.00
9.	80—90	1.46	1.17	28.40	13.35	3.49	0.00
10.	90—95	1.34	0.60	26.67	8.16	0.35	0.00
11.	95—100	1.66	1.69	27.40	20.48	3.67	0.00
12.	n.r.	1.46	0.46	19.25	8.33	2.15	0.00
13.	all classes	1.76	1.40	28.81	16.82	3.04	0.23
14.	estd. no. of room/area (00)	181	144	2967	1732	313	24

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

TAMIL NADU		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.35	0.84	13.70	5.24	2.09	1.67
2.	10—20	1.24	0.75	14.96	4.66	2.12	2.56
3.	20—30	1.43	0.82	16.19	5.84	2.67	2.39
4.	30—40	1.41	0.79	16.43	5.23	2.09	2.26
5.	40—50	1.37	0.97	22.18	7.86	3.88	4.40
6.	50—60	1.43	1.09	19.71	8.78	5.39	5.44
7.	60—70	1.46	1.09	17.39	7.56	2.23	2.07
8.	70—80	1.66	1.26	20.45	8.55	2.63	3.24
9.	80—90	1.67	1.70	25.95	11.44	3.81	2.76
10.	90—95	1.82	1.61	32.74	19.76	3.94	2.29
11.	95—100	2.27	2.32	30.43	13.84	31.96	2.21
12.	n.r.	1.00	0.68	6.39	2.96	0.39	1.09
13.	all classes	1.54	1.19	20.79	8.80	3.19	2.94
14.	estd. no. of room/area (00)	59438	45954	801128	339021	122954	113284

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

TRIPURA		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.45	0.83	30.31	10.21	2.30	1.17
2.	10—20	1.38	0.85	25.37	7.86	2.21	0.78
3.	20—30	1.38	0.54	21.53	4.44	1.44	1.54
4.	30—40	1.51	0.83	26.15	8.16	2.14	5.26
5.	40—50	2.23	0.75	40.25	8.26	3.76	2.02
6.	50—60	1.47	1.24	30.64	8.27	2.40	1.44
7.	60—70	1.82	1.04	28.70	19.27	5.11	2.90
8.	70—80	1.69	0.60	30.95	9.66	3.11	2.00
9.	80—90	1.78	0.78	27.34	8.73	3.76	3.65
10.	90—95	1.87	1.03	27.74	7.24	4.71	1.25
11.	95—100	1.82	1.14	35.90	15.98	6.14	2.85
12.	n.r.	1.74	0.39	18.90	2.74	2.51	2.47
13.	all classes	1.67	0.85	29.29	9.77	3.31	2.34
14.	estd. no. of room/area (00)	843	431	14782	4930	1670	1180

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

UTTAR PRADESH		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.83	0.87	25.21	4.26	4.95	1.56
2.	10—20	1.89	0.58	24.01	4.09	4.01	1.81
3.	20—30	1.76	0.66	20.79	4.11	4.77	2.16
4.	30—40	1.83	0.86	22.69	4.56	5.22	1.39
5.	40—50	1.77	0.85	24.97	3.68	4.49	1.73
6.	50—60	1.77	0.84	22.25	4.80	6.12	1.78
7.	60—70	1.81	1.01	24.75	5.42	5.83	1.24
8.	70—80	1.94	1.18	24.30	5.86	4.79	1.56
9.	80—90	1.95	1.54	24.82	7.14	5.07	1.77
10.	90—95	1.86	2.20	24.20	7.23	5.25	1.86
11.	95—100	2.18	1.57	32.53	7.79	5.89	2.52
12.	n.r.	1.95	0.84	28.26	2.98	6.99	0.87
13.	all classes	1.88	1.12	24.69	5.42	5.15	1.75
14.	estd. no. of room/area (00)	84283	50259	1109620	243590	231652	78566

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

WEST BENGAL		URBAN					
srl. no.	fractile classes	average no. of		average area (sq.m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.55	0.69	18.34	4.86	2.84	2.74
2.	10—20	1.29	0.57	15.21	3.83	2.44	3.09
3.	20—30	1.55	0.73	18.56	4.39	2.47	3.59
4.	30—40	1.39	0.66	15.90	4.44	2.13	3.37
5.	40—50	1.56	1.00	17.27	3.80	3.30	2.47
6.	50—60	1.45	0.60	18.15	3.72	3.12	3.22
7.	60—70	1.71	1.03	21.61	5.69	3.38	3.93
8.	70—80	1.52	1.06	19.30	5.02	2.88	3.09
9.	80—90	1.75	1.30	20.90	6.59	3.04	3.05
10.	90—95	1.82	1.40	23.25	7.58	3.22	2.82
11.	95—100	2.18	2.04	29.97	13.49	3.84	2.94
12.	n.r.	2.11	0.65	34.39	5.75	2.78	1.96
13.	all classes	1.61	1.00	19.79	5.63	2.96	3.14
14.	esdt. no. of room/area (00) $\frac{1}{2}$	53119	33011	652842	185879	97815	103625

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ANDAMAN & NICOBAR ISLANDS		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.89	1.17	23.03	9.50	0.74	0.49
2.	10—20	1.75	1.99	18.24	10.60	1.11	1.00
3.	20—30	1.49	1.20	29.12	8.22	2.79	4.97
4.	30—40	1.76	1.83	15.56	17.07	0.65	3.03
5.	40—50	1.79	1.62	18.18	8.66	1.15	5.63
6.	50—60	1.37	1.76	26.54	9.37	3.96	1.24
7.	60—70	1.74	1.26	18.19	5.59	0.26	3.32
8.	70—80	1.29	1.30	15.52	5.87	1.72	3.04
9.	80—90	1.51	1.54	16.62	8.90	2.77	2.55
10.	90—95	1.96	1.33	55.60	13.20	4.15	7.63
11.	95—100	1.54	1.48	15.13	7.24	0.59	1.79
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.62	1.49	23.10	9.17	1.96	3.18
14.	esdt. no. of room/area (00)	247	227	3532	1403	300	486

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

ARUNACHAL PRADESH		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.88	0.95	12.42	3.27	0.66	0.94
2.	10—20	2.24	1.42	33.81	12.62	2.57	27.91
3.	20—30	2.04	1.24	6.77	20.29	8.91	0.55
4.	30—40	2.52	1.16	15.49	2.78	2.78	15.42
5.	40—50	2.01	1.16	114.62	32.45	6.85	24.65
6.	50—60	2.37	1.83	27.62	13.66	4.75	6.55
7.	60—70	1.41	1.16	41.10	33.18	2.92	2.32
8.	70—80	1.95	1.30	28.94	8.48	2.25	4.68
9.	80—90	1.77	1.41	54.61	23.66	121.16	6.30
10.	90—95	2.14	2.26	63.68	75.83	29.85	10.26
11.	95—100	1.94	2.28	47.91	49.82	1.09	10.81
12.	n.r.	2.43	1.86	0.86	3.01	10.75	86.00
13.	all classes	2.00	1.44	41.96	23.91	19.53	10.82
14.	estd. no. of room/area (00)	155	112	3252	1853	1514	839

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

CHANDIGARH		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	0—10	1.25	0.37	11.18	1.51	0.94	0.00
2	10—20	1.97	2.37	19.39	4.58	1.06	0.00
3.	20—30	1.28	1.06	11.88	2.59	1.94	1.59
4.	30—40	1.86	2.44	20.72	11.50	1.60	0.89
5.	40—50	1.76	1.65	20.07	4.95	2.14	0.16
6.	50—60	1.61	1.47	18.00	3.88	2.11	0.71
7.	60—70	1.89	1.83	18.20	3.88	1.49	1.84
8.	70—80	1.91	1.84	23.85	5.22	2.41	0.00
9.	80—90	2.03	2.20	21.87	8.12	3.01	0.00
10.	90—95	1.49	0.78	15.83	2.11	0.85	0.70
11.	95—100	1.97	1.93	24.58	7.53	0.00	1.30
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.74	1.61	18.96	4.88	1.71	0.64
14.	estd no. of room/area (00)	2419	2229	26303	6767	2371	893

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

## DADRA &amp; NAGAR HAVELI

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.00	1.00	45.11	12.78	6.90	42.24
2.	10—20	1.00	0.00	80.00	0.00	0.00	80.00
3.	20—30	1.52	0.52	30.55	6.20	4.13	0.00
4.	30—40	2.00	1.50	30.00	13.00	5.00	0.00
5.	40—50	2.00	2.25	45.75	23.74	3.78	59.82
6.	50—60	2.50	2.00	36.00	10.00	6.50	0.00
7.	60—70	1.41	0.52	27.27	3.14	1.40	0.00
8.	70—80	1.00	0.00	19.00	0.00	0.00	0.00
9.	80—90	1.70	0.62	31.81	8.94	0.97	18.11
10.	90—95	2.00	1.00	25.40	9.08	45.48	0.00
11.	95—100	1.00	1.00	12.00	8.00	5.00	0.00
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.57	0.80	35.40	7.89	7.28	20.43
14.	estd. no. of room/area(00)	23	12	517	115	106	299

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

## DAMAN &amp; DIU

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.85	0.85	28.98	5.27	4.79	0.71
2.	10—20	1.45	0.68	19.65	6.36	3.35	1.09
3.	20—30	2.00	1.52	23.52	9.16	3.48	0.00
4.	30—40	4.01	2.42	44.38	12.29	1.96	1.23
5.	40—50	1.59	1.18	24.00	8.05	3.23	0.00
6.	50—60	2.70	2.47	32.35	15.78	2.49	0.00
7.	60—70	1.41	2.42	22.88	10.52	4.45	0.00
8.	70—80	1.84	1.91	25.05	14.57	1.88	0.75
9.	80—90	1.94	1.51	21.69	9.34	1.97	0.00
10.	90—95	1.76	1.00	24.10	10.57	3.52	0.00
11.	95—100	5.95	2.74	85.14	22.40	0.53	0.74
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	2.41	1.73	31.76	11.41	2.76	0.42
14.	estd. no. of room/area (00)	114	82	1502	540	131	20

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

DELHI

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.31	1.07	13.97	4.71	1.26	0.83
2.	10—20	1.84	1.49	23.49	5.38	1.86	1.40
3.	20—30	1.50	1.43	18.36	8.78	1.05	1.10
4.	30—40	1.77	1.47	33.36	8.33	2.91	0.91
5.	40—50	1.56	1.55	15.28	4.72	2.14	0.91
6.	50—60	1.64	1.63	19.87	5.60	2.49	1.25
7.	60—70	1.55	1.93	16.98	5.77	1.79	1.11
8.	70—80	1.85	1.84	25.20	9.27	3.81	1.51
9.	80—90	2.22	2.50	25.51	8.84	3.80	3.26
10.	90—95	2.24	2.71	34.14	11.32	6.42	2.88
11.	95—100	3.16	4.21	59.28	19.01	9.48	3.06
12.	n.r.	2.68	3.59	42.15	10.49	3.20	1.40
13.	all classes	1.85	1.97	24.67	8.00	3.15	1.63
14.	estd. no. of room/area (00)	26741	28395	355893	115375	45439	23444

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

GOA

URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.31	1.65	32.21	19.20	0.52	0.00
2.	10—20	2.47	1.09	39.21	10.05	5.90	0.00
3.	20—30	1.76	1.16	28.44	10.68	5.19	1.90
4.	30—40	1.68	1.11	29.59	16.40	6.08	0.00
5.	40—50	1.75	1.24	29.09	18.61	4.74	5.95
6.	50—60	1.99	1.33	30.34	11.68	9.01	2.54
7.	60—70	2.06	1.41	31.99	15.45	3.81	0.00
8.	70—80	2.02	1.38	37.57	24.04	3.38	7.50
9.	80—90	1.73	1.51	30.13	20.85	2.00	2.12
10.	90—95	1.57	0.87	26.18	8.29	1.87	0.21
11.	95—100	2.35	1.78	35.44	18.96	5.22	0.46
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.91	1.31	31.11	15.77	4.17	1.80
14.	estd. no. of room/area (00)	1312	899	21330	10810	2860	12.32



TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

LAKSHADWEEP		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.68	2.17	34.77	20.20	2.99	10.44
2.	10—20	2.83	2.72	37.93	29.44	12.55	7.75
3.	20—30	3.10	2.25	31.64	21.26	4.95	14.78
4.	30—40	2.60	3.43	57.32	32.03	1.59	12.19
5.	40—50	2.78	2.62	50.62	23.06	8.59	11.40
6.	50—60	2.51	2.19	46.45	15.89	1.07	14.89
7.	60—70	2.50	2.86	51.13	26.41	5.14	13.05
8.	70—80	2.92	1.22	54.99	16.47	16.36	5.74
9.	80—90	2.44	2.34	38.57	18.70	1.35	6.75
10.	90—95	1.60	2.24	29.11	13.87	4.19	2.39
11.	95—100	1.8	2.55	33.38	18.48	1.52	1.96
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	2.41	2.38	40.97	20.47	5.11	7.96
14.	estd no. of room/area (00)	77	76	1312	655	164	255

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

MIZORAM		URBAN					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	2.22	1.86	44.57	17.65	11.48	1.96
2.	10—20	1.43	2.27	32.72	25.33	2.42	4.69
3.	20—30	2.67	1.06	33.69	12.00	3.68	2.68
4.	30—40	1.98	0.47	40.94	10.88	3.43	4.03
5.	40—50	2.79	0.43	45.14	7.93	3.65	2.95
6.	50—60	2.45	0.57	34.11	6.87	2.63	3.06
7.	60—70	2.63	0.80	46.80	7.82	3.71	0.95
8.	70—80	2.36	0.50	44.77	4.09	3.32	0.74
9.	80—90	2.39	0.61	43.68	7.68	4.55	2.70
10.	90—95	2.41	0.51	45.95	3.13	3.04	2.92
11.	95—100	2.32	0.35	40.26	3.86	1.21	0.13
12.	n.r.	3.35	1.02	41.27	8.49	1.89	5.05
13.	all classes	2.36	0.85	41.04	9.72	3.74	2.56
14.	estd. no. of room/area (00)	627	226	10890	2579	993	679

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VARANDAH AND CLOSED VARANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITAL EXPENDITURE

## PONDICHERRY

## URBAN

srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open varandah	closed varandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.72	0.98	12.04	4.72	3.88	1.90
2.	10—20	2.55	1.39	21.58	10.72	0.00	7.40
3.	20—30	1.00	0.00	17.39	0.00	0.00	0.00
4.	30—40	1.32	1.04	21.08	5.92	2.76	0.34
5.	40—50	1.36	0.46	19.36	3.80	0.96	1.44
6.	50—60	1.33	0.47	20.79	4.24	4.01	2.12
7.	60—70	1.09	3.59	12.57	2.99	1.28	1.63
8.	70—80	2.08	1.72	21.67	17.08	2.66	7.21
9.	80—90	1.89	0.84	18.04	5.98	1.94	2.69
10.	90—95	2.99	2.17	28.86	18.17	7.73	5.08
11.	95—100	1.97	1.37	26.54	13.10	5.26	0.86
12.	n. r.	0.00	0.00	0.00	0.00	0.00	0.00
13.	all classes	1.67	1.31	19.49	7.28	2.62	2.56
14.	estd. no. of room/area(00)	1496	1172	17476	6529	2350	2296

TABLE 15: PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY ALL TYPE

state/union territories	wall type										estimated no. of house-hold (00) (13)	
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)
	grass, straw leaves etc.	mud, unburnt brick	tent cloth	other katcha walls	burnt brick, limestone	cement rcc	g. i. or other metals sheet	timber	other pucca walls	n. r.	all	
(1)												
Andhra Pradesh	8.24	17.99	0.20	3.80	56.69	12.84	0.14	0.03	0.08	0.00	100.00	29430
Assam	43.64	3.08	0.64	0.54	26.27	15.15	5.73	1.26	3.69	0.00	100.00	3735
Bihar	8.91	12.00	0.04	3.15	62.71	12.11	0.09	0.40	0.54	0.06	100.00	19935
Gujarat	4.05	7.79	0.37	0.18	79.87	7.13	0.15	0.46	0.00	0.00	100.00	22184
Haryana	0.00	3.15	0.00	0.24	91.23	5.29	0.00	0.00	0.10	0.00	100.00	7643
Himachal Pradesh	0.70	20.90	0.00	0.84	61.86	14.29	0.14	0.56	0.70	0.00	100.00	714
Jammu & Kashmir	0.13	14.36	0.29	0.46	77.70	2.94	0.29	1.72	2.10	0.00	100.00	2381
Karnataka	6.04	21.24	0.12	0.52	62.53	8.65	0.15	0.09	0.66	0.00	100.00	22131
Kerala	6.19	19.80	0.16	0.46	62.32	1.95	0.10	1.77	7.25	0.00	100.00	8867
Madhya Pradesh	3.54	27.24	0.34	4.91	55.56	6.41	0.38	1.16	0.33	0.15	100.00	22133
Maharashtra	4.68	9.41	0.28	2.32	58.93	16.22	6.36	1.44	0.23	0.13	100.00	48651
Manipur	35.43	24.55	0.00	23.85	9.07	2.23	0.28	2.65	1.95	0.00	100.00	717
Meghalaya	2.82	7.82	0.00	1.72	23.16	33.64	10.17	9.39	11.27	0.00	100.00	639
Nagaland	25.20	8.40	0.00	0.00	9.60	40.00	8.40	6.00	2.80	0.00	100.00	250
Orissa	7.39	32.59	0.15	0.20	51.84	6.67	0.17	0.47	0.12	0.39	100.00	7465
Punjab	0.27	3.74	0.06	0.05	92.88	2.81	0.14	0.07	0.00	0.00	100.00	10694
Rajasthan	0.38	7.61	0.05	1.13	89.56	1.28	0.00	0.00	0.00	0.00	100.00	15364
Sikkim	7.70	0.97	0.00	2.91	30.00	40.50	0.00	5.53	12.52	0.00	100.00	103
Tamil Nadu	3.82	27.00	0.12	0.23	55.47	12.92	0.09	0.10	0.19	0.06	100.00	38536
Tripura	56.83	11.69	0.00	0.00	20.59	7.13	2.77	0.00	0.99	0.00	100.00	505
Uttar Pradesh	1.70	10.01	0.09	2.25	82.48	3.00	0.00	0.29	0.19	0.00	100.00	44940
West Bengal	11.98	9.71	0.04	0.32	67.70	7.29	1.42	0.94	0.08	0.15	100.00	32995
A. & N. Islands	3.27	0.65	0.00	0.65	5.23	14.38	1.96	67.32	6.54	0.00	100.00	153
Arunachal Pradesh	33.83	3.85	0.00	0.00	5.13	37.98	6.41	2.56	8.97	1.28	100.00	78
Chandigarh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	100.00	1388
Dadra & Nagar Haveli	13.33	6.67	0.00	0.00	60.00	20.00	0.00	0.00	0.00	0.00	100.00	15
Daman & Diu	4.13	8.51	0.00	0.00	87.36	0.00	0.00	0.00	0.00	0.00	100.00	47
Delhi	1.00	1.08	0.16	2.86	71.63	22.03	0.07	0.15	1.03	0.00	100.00	14425
Goa	6.70	33.24	0.00	0.00	43.00	13.27	0.00	2.19	1.60	0.00	100.00	686
Lakshadweep	0.00	0.00	0.00	0.00	78.13	9.38	3.13	0.00	9.38	0.00	100.00	32
Mizoram	12.08	1.51	0.00	4.15	6.42	13.96	32.08	1.51	27.92	0.38	100.00	265
Pondichery	7.92	43.14	0.00	0.67	32.22	15.72	0.33	0.00	0.00	0.00	100.00	897
All India	5.44	14.11	0.16	1.74	66.65	9.48	1.20	0.61	0.52	0.09	100.00	357995

TABLE (16) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY ROOF TYPE

URBAN

Sr l. no.	States/union territories	roof type (code)*										all	estd. no. of hhs. (00)	no. of sample hhs.
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
1.	Andhra Pradesh	24.85	1.77	0.04	0.78	8.20	31.36	27.36	5.12	0.52	0.00	100.00	29430	2043
2.	Assam	34.92	0.46	1.38	0.17	2.20	12.06	41.46	7.01	0.34	0.00	100.00	3735	657
3.	Bihar	16.14	0.29	0.13	0.92	18.64	33.92	24.51	2.14	3.25	0.06	100.00	19935	1275
4.	Gujarat	1.35	0.12	0.26	0.11	5.22	46.81	41.62	3.73	0.79	0.00	100.00	22184	1290
5.	Haryana	3.43	0.66	0.00	1.99	31.93	29.99	8.43	1.13	22.45	0.00	100.00	7643	478
6.	Himachal Pradesh	1.91	0.11	0.00	0.34	7.41	36.16	50.35	0.61	3.10	0.00	100.00	714	288
7.	Jammu & Kashmir	3.50	4.11	0.23	1.88	4.53	23.20	59.81	0.35	2.40	0.00	100.00	2381	1199
8.	Karnataka	9.53	8.00	0.15	0.22	7.64	31.27	39.54	3.10	0.54	0.00	100.00	22131	1392
9.	Kerala	16.97	0.06	0.00	0.47	0.50	20.81	60.06	0.77	0.37	0.00	100.00	8867	864
10.	Madhya Pradesh	4.75	0.84	0.46	1.31	20.67	20.42	47.10	2.53	1.78	0.15	100.00	22133	1615
11.	Manipur	38.18	0.00	0.64	0.59	1.96	3.57	54.72	0.00	0.34	0.00	100.00	717	428
12.	Meghalaya	10.16	1.62	0.00	1.51	1.57	24.40	59.41	1.04	0.29	0.00	100.00	639	279
13.	Nagaland	7.68	1.30	0.00	0.95	1.18	11.36	74.99	1.32	0.63	0.59	100.00	250	192
14.	Orissa	28.20	2.03	0.00	0.14	3.21	32.75	22.39	7.19	3.70	0.39	100.00	7465	713
15.	Punjab	7.73	0.74	0.12	1.32	46.91	25.62	14.14	0.83	2.59	0.00	100.00	10694	1536
16.	Rajasthan	4.84	2.92	0.44	1.89	74.13	7.05	3.84	2.26	2.64	0.00	100.00	15364	1044
17.	Sikkim	2.79	0.78	0.38	0.57	3.69	45.32	38.34	1.79	6.35	0.00	100.00	103	144
18.	Tamil Nadu	21.62	0.34	0.00	0.12	7.47	29.01	38.92	2.17	0.29	0.06	100.00	38536	2531
19.	Tripura	40.07	0.74	0.00	0.00	7.66	10.29	41.25	0.94	7.14	0.00	100.00	505	269
20.	Uttar Pradesh	8.01	5.74	0.78	5.21	38.48	26.58	7.11	0.00	0.00	0.00	100.00	44940	2933
21.	West Bengal	6.62	0.20	0.06	0.05	3.92	36.84	47.62	4.05	0.64	0.00	100.00	32995	2168
22.	Andaman & Nicobar Islands	2.42	0.00	0.00	1.43	0.00	8.31	30.70	29.67	27.47	0.00	100.00	153	189
23.	Arunachal Pradesh	36.03	0.57	0.00	2.41	0.50	4.51	50.96	1.37	2.01	1.64	100.00	78	119
24.	Chandigarh	2.63	0.28	0.00	0.56	11.66	77.46	4.14	0.72	2.54	0.00	100.00	1388	90
25.	Dadra & Nagar Haveli	0.00	0.00	0.00	0.00	26.56	40.73	8.21	24.50	0.00	0.00	100.00	15	24
26.	Daman & Diu	2.79	4.19	0.00	0.00	0.00	25.08	67.95	0.00	0.00	0.00	100.00	47	48
27.	Delhi	2.99	0.27	0.71	1.32	32.15	48.05	9.42	4.87	0.22	0.00	100.00	14425	956
28.	Goa	3.05	0.49	0.00	0.00	1.54	13.37	78.85	0.00	2.70	0.00	100.00	686	96
29.	Lakshadweep	0.00	0.00	0.00	0.00	0.00	4.06	72.38	23.55	0.00	0.00	100.00	32	72
30.	Mizoram	3.27	0.34	0.00	0.00	0.78	16.80	68.78	0.00	10.03	0.00	100.00	265	287
31.	Pondicherry	58.97	0.49	0.00	0.00	1.60	20.84	17.60	0.00	0.51	0.00	100.00	897	140
	All India	10.58	1.81	0.30	1.29	16.97	30.26	32.07	3.65	3.02	0.05	100.00	357995	28644

\*roof type (code) : grass, straw, leaves, reeds, bamboo, thatch—1; mud unburnt brick—2; tent, cloth—3; other katcha—4; burnt brick, stone limestone—5; cement concrete, RCC, RCC—6; tiles, slate, corrugated ironsheet—7; asbestos cement sheet—8; other pucca—9.

TABLE (17) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOR TYPE OF THE DWELLING UNIT

URBAN

sl. no.	state/union territories	floor type (code)									all	estimated no. hhs. (00)
		1	2	3	4	5	6	9	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1.	Andhra Pradesh	25.59	0.00	0.06	43.17	27.84	3.04	0.27	0.00	100.00	29430	
2.	Assam	48.84	0.00	0.38	9.51	35.73	1.14	4.32	0.05	100.00	3735	
3.	Bihar	39.15	0.00	0.87	2.93	55.11	0.86	1.00	0.05	100.00	19935	
4.	Gujarat	15.38	0.00	0.00	13.32	32.39	37.80	1.08	0.00	100.00	22184	
5.	Haryana	19.38	0.00	0.00	13.08	64.27	2.84	0.41	0.00	100.00	7643	
6.	Himachal Pradesh	23.77	0.00	2.47	1.88	69.86	0.29	1.70	0.00	100.00	714	
7.	Jammu & Kashmir	45.68	0.26	0.86	0.50	51.45	0.92	0.30	0.00	100.00	2381	
8.	Karnataka	25.18	0.25	0.10	17.29	51.33	5.75	0.06	0.00	100.00	22131	
9.	Kerala	22.49	0.00	0.00	0.94	70.74	4.98	0.82	0.00	100.00	8867	
10.	Madhya Pradesh	50.52	0.04	0.11	13.20	29.49	4.01	2.45	0.14	100.00	22133	
11.	Maharashtra	27.82	0.12	0.40	16.56	20.32	31.87	2.76	0.12	100.00	48651	
12.	Manipur	81.95	0.19	4.94	0.65	11.38	0.00	0.86	0.00	100.00	717	
13.	Meghalaya	13.44	1.42	48.43	0.00	31.50	4.55	0.63	0.00	100.00	639	
14.	Nagaland	18.07	3.59	22.50	9.56	37.80	1.21	6.64	0.55	100.00	250	
15.	Orissa	41.91	0.00	0.00	0.95	56.24	0.38	0.09	0.39	100.00	7465	
16.	Punjab	21.49	0.07	0.16	18.12	56.52	2.18	1.43	0.00	100.00	10694	
17.	Rajasthan	15.76	0.26	0.00	27.04	48.90	5.20	2.82	0.00	100.00	15364	
18.	Sikkim	5.40	0.00	10.77	8.07	64.50	6.79	4.45	0.00	100.00	103	
19.	Tamil Nadu	20.62	0.14	0.06	3.19	76.68	5.13	0.09	0.06	100.00	38536	
20.	Tripura	60.02	0.97	0.69	8.78	27.38	1.52	0.62	0.00	100.00	505	
21.	Uttar Pradesh	38.75	0.00	0.00	12.44	45.59	2.39	0.81	0.00	100.00	44940	
22.	West Bengal	25.73	0.25	1.10	3.93	66.41	2.11	0.44	0.00	100.00	32995	
23.	Andaman & Nicobar Islands	12.73	0.00	7.52	0.00	79.73	0.00	0.00	0.00	100.00	153	
24.	Arunachal Pradesh	21.45	9.32	10.48	3.41	47.27	3.58	2.02	2.42	100.00	78	
25.	Chandigarh	14.28	0.00	0.00	0.85	81.97	2.97	0.00	0.00	100.00	1388	
26.	Dadra & Nagar Haveli	19.30	0.00	0.00	24.19	7.46	49.04	0.00	0.00	100.00	15	
27.	Delhi	7.86	0.00	0.00	2.25	77.04	10.21	2.61	0.00	100.00	14425	
28.	Goa	37.49	0.00	0.00	0.00	49.36	13.13	0.00	0.00	100.00	686	
29.	Lakshadweep	0.94	0.00	0.00	9.04	71.11	0.00	18.89	0.00	100.00	32	
30.	Mizoram	3.73	1.25	82.44	0.83	11.49	0.00	0.23	0.00	100.00	265	
31.	Pondicherry	49.24	0.00	0.00	0.00	47.36	3.39	0.00	0.00	100.00	897	
32.	Daman & Diu	17.40	0.00	0.00	3.19	30.44	48.95	0.00	0.00	100.00	47	
33.	All-India	28.04	0.09	0.43	13.19	47.37	9.60	1.19	0.04	100.00	357995	

Floor type (code): mud-1, Bamboo, log-2, wood plank-3, brick, stone, limestone-4, cement-5, mosaic, tiles-6, other (pucca)-9.

TABLE (18) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE

state/union territories	source of drinking water										URBAN
	tap : no storage tank	tap : storage tank	well	tube well hand pump	tank, pond	river, canal tank	spring	others	n.r.	all sources	estimated no. of household (00)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh . . . . .	59.65	13.78	11.77	12.64	0.44	0.19	0.08	1.46	0.00	100.00	29445
Assam . . . . .	27.44	14.03	21.58	34.97	1.20	0.51	0.00	0.27	0.00	100.00	3735
Bihar . . . . .	29.66	16.60	18.41	34.59	0.00	0.68	0.00	0.00	0.06	100.00	19944
Gujarat . . . . .	49.31	40.81	2.24	5.13	0.44	0.63	0.00	1.45	0.00	100.00	22184
Haryana . . . . .	39.83	26.22	3.27	31.68	0.00	0.00	0.00	0.00	0.00	100.00	7643
Himachal Pradesh . . . . .	82.35	14.43	1.12	0.00	0.00	0.00	2.10	0.00	0.00	100.00	714
Jammu & Kashmir . . . . .	65.45	27.54	0.59	3.69	0.21	1.89	0.42	0.21	0.00	100.00	2382
Karnataka . . . . .	58.59	19.98	10.48	9.12	0.33	1.05	0.00	0.46	0.00	100.00	22131
Kerala . . . . .	44.67	9.59	45.19	0.44	0.11	0.00	0.00	0.00	0.00	100.00	8867
Madhya Pradesh . . . . .	54.78	16.10	15.59	12.56	0.44	0.10	0.22	0.22	0.00	100.00	22133
Maharashtra . . . . .	60.75	32.22	4.02	2.43	0.06	0.01	0.00	0.50	0.00	100.00	48756
Manipur . . . . .	65.41	12.55	1.39	3.21	13.67	3.35	0.42	0.00	0.00	100.00	717
Meghalaya . . . . .	64.16	30.36	0.47	0.47	2.50	0.31	0.94	0.78	0.00	100.00	639
Nagaland . . . . .	46.84	34.00	7.20	5.60	3.60	0.40	1.20	0.80	0.00	100.00	250
Orissa . . . . .	46.18	11.67	23.67	12.78	0.48	2.83	2.38	0.00	0.00	100.00	7465
Punjab . . . . .	41.92	15.99	0.36	41.62	0.00	0.00	0.00	0.06	0.06	100.00	10694
Rajasthan . . . . .	54.28	32.58	5.76	7.01	0.38	0.00	0.00	0.00	0.00	100.00	15364
Sikkim . . . . .	33.01	46.60	0.00	0.00	0.00	0.00	20.39	0.00	0.00	100.00	103
Tamil Nadu . . . . .	60.40	14.37	9.15	11.04	0.60	0.61	0.14	3.67	0.00	100.00	38567
Tripura . . . . .	66.93	17.23	5.35	9.70	0.00	0.00	0.00	0.79	0.00	100.00	505
Uttar Pradesh . . . . .	49.10	10.74	7.79	32.02	0.06	0.00	0.18	0.09	0.02	100.00	45012
West Bengal . . . . .	45.04	12.98	5.76	36.17	0.00	0.00	0.05	0.05	0.00	100.00	32995
Andaman & Nicobar Islands . . . . .	76.77	20.65	0.65	0.65	0.00	0.65	0.00	0.65	0.00	100.00	155
Arunacha Pradesh . . . . .	70.51	25.64	0.00	0.00	0.00	2.56	1.28	0.00	0.00	100.00	78
Chandigarh . . . . .	87.75	11.31	0.00	0.94	0.00	0.00	0.00	0.00	0.00	100.00	1388
Dadra & Nagar Haveli . . . . .	53.33	33.33	6.67	6.67	0.00	0.00	0.00	0.00	0.00	100.00	15
Daman & Diu . . . . .	26.66	37.30	10.64	25.40	0.00	0.00	0.00	0.00	0.00	100.00	47
Delhi . . . . .	59.93	18.59	2.49	18.99	0.00	0.00	0.00	0.00	0.00	100.00	14430
Goa . . . . .	60.79	9.77	29.45	0.00	0.00	0.00	0.00	0.00	0.00	100.00	686
Lakshadweep . . . . .	0.00	0.00	84.38	15.63	0.00	0.00	0.00	0.00	0.00	100.00	32
Mizoram . . . . .	4.91	6.42	3.40	1.13	15.07	0.75	65.36	2.26	0.75	100.00	265
Pondicherry . . . . .	62.43	15.50	14.83	7.25	0.00	0.00	0.00	0.00	0.00	100.00	837
All India . . . . .	52.53	19.58	9.18	17.20	0.28	0.32	0.17	0.74	0.01	100.00	358234

TABLE (19) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FACILITY OF DRINKING WATER

URBAN

sl. no	states/union territories	facility of drinking water					all	estimated no. of households (00)
		exclusive use	common household in bldg.	to community use	not recorded			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Andhra Pradesh . . . . .	15.39	28.41	56.01	0.19	100.00	29445	
2.	Assam . . . . .	40.65	32.00	27.24	0.11	100.00	3735	
3.	Bihar . . . . .	34.35	22.41	43.02	0.21	100.00	19944	
4.	Gujarat . . . . .	56.33	17.79	25.87	0.00	100.00	22184	
5.	Haryana . . . . .	41.60	30.91	27.48	0.00	100.00	7643	
6.	Himachal Pradesh . . . . .	45.46	19.34	35.20	0.00	100.00	714	
7.	Jammu & Kashmir . . . . .	42.20	35.14	22.64	0.03	100.00	2382	
8.	Karnataka . . . . .	31.61	23.04	44.74	0.61	100.00	22131	
9.	Kerala . . . . .	49.74	9.46	40.78	0.02	100.00	8867	
10.	Madhya Pradesh . . . . .	31.98	18.38	49.64	0.00	100.00	22133	
11.	Maharashtra . . . . .	39.88	26.06	34.06	0.00	100.00	48756	
12.	Manipur . . . . .	24.63	10.68	64.68	0.00	100.00	717	
13.	Meghalaya . . . . .	20.54	48.18	31.27	0.00	100.00	639	
14.	Nagaland . . . . .	44.10	23.17	32.73	0.00	100.00	250	
15.	Orissa . . . . .	24.10	13.66	62.24	0.00	100.00	7465	
16.	Punjab . . . . .	51.11	39.19	9.59	0.10	100.00	10694	
17.	Rajasthan . . . . .	37.83	33.98	28.19	0.00	100.00	15364	
18.	Sikkim . . . . .	48.16	41.04	10.80	0.00	100.00	103	
19.	Tamil Nadu . . . . .	16.63	26.15	56.02	1.21	100.00	38567	
20.	Tripura . . . . .	25.84	32.26	41.90	0.00	100.00	505	
21.	Uttar Pradesh . . . . .	46.90	28.10	24.96	0.04	100.00	45012	
22.	West Bengal . . . . .	22.94	25.16	51.90	0.00	100.00	32995	
23.	Andaman & Nicobar Islands . . . . .	33.87	48.19	17.94	0.00	100.00	155	
24.	Arunachal Pradesh] . . . . .	53.25	27.58	19.16	0.00	100.00	78	
25.	Chandigarh . . . . .	43.58	42.41	14.01	0.00	100.00	1388	
26.	Dadra & Nagar Haveli . . . . .	55.65	11.16	33.20	0.00	100.00	15	
27.	Daman & Diu . . . . .	14.67	4.24	81.08	0.00	100.00	47	
28.	Delhi . . . . .	47.41	34.68	17.91	0.00	100.00	14430	
29.	Goa . . . . .	38.53	23.57	37.90	0.00	100.00	686	
30.	Lakshadweep . . . . .	43.02	1.48	55.51	0.00	100.00	32	
31.	Mizoram . . . . .	24.03	10.40	64.98	0.59	100.00	265	
32.	Pondicherry . . . . .	26.17	9.39	63.20	1.25	100.00	897	
All India . . . . .		34.82	25.71	39.26	0.21	100.00	358234	

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY DISTANCE OF DRINKING WATER.

srl. no.	state/union territories	distance (in km.)					n.r.	total	URBAN estimated no. of households
		within premises	less than 0.5	0.5—1.0	1.0 & above				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1.	Andhra Pradesh	42.52	54.71	2.27	0.37	0.14	100.00	29445	
2.	Assam	72.26	26.75	0.47	0.00	0.53	100.00	3735	
3.	Bihar	57.79	41.86	0.21	0.08	0.06	100.00	19944	
4.	Gujarat	73.58	25.35	1.07	0.00	0.00	100.00	22183	
5.	Haryana	72.22	26.75	1.02	0.00	0.00	100.00	7643	
6.	Himachal Pradesh	68.54	30.20	0.29	0.00	0.97	100.00	713	
7.	Jammu & Kashmir	77.99	21.75	0.09	0.17	0.00	100.00	2382	
8.	Karnataka	50.35	48.35	0.44	0.19	0.67	100.00	22130	
9.	Kerala	64.24	35.39	0.32	0.00	0.04	100.00	8866	
10.	Madhya Pradesh	49.06	49.04	1.62	0.21	0.08	100.00	22132	
11.	Maharashtra	58.81	39.94	1.04	0.21	0.00	100.00	48755	
12.	Manipur	33.14	63.73	2.85	0.00	0.28	100.00	716	
13.	Meghalaya	63.71	32.34	0.81	3.14	0.00	100.00	639	
14.	Nagaland	53.32	44.00	0.44	2.23	0.00	100.00	250	
15.	Orissa	42.57	57.06	0.21	0.16	0.00	100.00	7464	
16.	Punjab	88.33	11.54	0.00	0.00	0.13	100.00	10693	
17.	Rajasthan	67.92	30.33	1.18	0.46	0.12	100.00	15363	
18.	Sikkim	79.46	4.88	2.35	10.80	2.51	100.00	102	
19.	Tamil Nadu	40.49	54.48	2.87	2.13	0.03	100.00	38566	
20.	Tripura	54.65	45.01	0.33	0.00	0.00	100.00	504	
21.	Uttar Pradesh	73.00	26.68	0.25	0.02	0.04	100.00	45012	
22.	West Bengal	46.99	52.46	0.52	0.02	0.00	100.00	32995	
23.	Andaman & Nicobar Islands	80.87	19.13	0.00	0.00	0.00	100.00	154	
24.	Arunachal Pradesh	61.11	26.72	0.00	0.57	11.60	100.00	77	
25.	Chandigarh	85.99	14.01	0.00	0.00	0.00	100.00	1387	
26.	Dadra & Nagar Haveli	71.25	24.30	4.45	0.00	0.00	100.00	14	
27.	Daman & Diu	19.98	77.56	2.46	0.00	0.00	100.00	47	
28.	Delhi	77.51	20.70	2.36	0.00	0.04	100.00	14430	
29.	Goa	51.84	48.16	0.00	0.00	0.00	100.00	685	
30.	Lakshadweep	58.61	41.39	0.00	0.00	0.00	100.00	32	
31.	Mizoram	27.64	66.82	4.07	0.80	0.67	100.00	265	
32.	Pondicherry	38.52	60.90	0.59	0.00	0.00	100.00	896	
33.	All-India	58.30	40.13	1.12	0.36	0.09	100.00	358234	



TABLE (21) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY DISTANCE FROM THE LATRINE USED.

srl. no.	state/union territories	distance from latrine used (in km.)					total	estimated no. of households (00)
		in the premises	less than 0.5	0.5—1.0	1.0 or more			
		(3)	(4)	(5)	(6)	(7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Andhra Pradesh	82.85	16.82	0.32	0.00	100.00	17071	
2.	Assam	92.00	7.91	0.00	0.08	100.00	3493	
3.	Bihar	93.76	6.24	0.00	0.00	100.00	12108	
4.	Gujarat	83.31	15.81	0.88	0.00	100.00	16311	
5.	Haryana	95.09	4.91	0.00	0.00	100.00	4781	
6.	Himachal Pradesh	81.81	18.19	0.00	0.00	100.00	395	
7.	Jammu & Kashmir	88.60	11.36	0.04	0.00	100.00	1862	
8.	Karnataka	80.83	18.89	0.16	0.11	100.00	14061	
9.	Kerala	96.06	3.80	0.14	0.00	100.00	7169	
10.	Madhya Pradesh	86.71	12.58	0.34	0.37	100.00	11963	
11.	Maharashtra	56.04	43.25	0.71	0.00	100.00	37396	
12.	Manipur	90.28	7.47	0.00	2.24	100.00	718	
13.	Meghalaya	69.64	30.19	0.00	0.00	100.00	636	
14.	Nagaland	83.40	16.60	0.00	0.00	100.00	235	
15.	Orissa	88.86	10.94	0.20	0.00	100.00	3718	
16.	Punjab	95.26	4.58	0.04	0.12	100.00	7306	
17.	Rajasthan	90.71	9.10	0.00	0.19	100.00	9739	
18.	Sikkim	85.40	14.60	0.00	0.00	100.00	91	
19.	Tamil Nadu	82.68	17.12	0.20	0.00	100.00	22919	
20.	Tripura	98.06	1.62	0.33	0.00	100.00	498	
21.	Uttar Pradesh	92.29	7.23	0.36	0.12	100.00	31917	
22.	West Bengal	88.81	11.19	0.00	0.00	100.00	27098	
23.	Andaman & Nicobar Islands	74.12	25.88	0.00	0.00	100.00	112	
24.	Arunachal Pradesh	79.11	18.26	0.68	1.31	100.00	66	
25.	Chandigarh	100.00	0.00	0.00	0.00	100.00	1140	
26.	Dadra & Nagar Haveli	70.08	29.92	0.00	0.00	100.00	12	
27.	Delhi	79.13	20.65	0.22	0.00	100.00	11658	
28.	Goa	61.94	38.06	0.00	0.00	100.00	471	
29.	Lakshadweep	95.06	4.94	0.00	0.00	100.00	19	
30.	Mizoram	59.01	40.75	0.00	0.24	100.00	259	
31.	Pondicherry	93.03	6.97	0.00	0.00	100.00	354	
32.	Daman & Diu	90.98	9.02	0.00	0.00	100.00	28	
33.	All India	82.71	16.93	0.30	0.06	700.00	245603	

TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE.

		URBAN											
		type of latrine											
srl. no.	state/union territories	flush system				septic tank				service latrine			
		facility (code)*											
		1	2	3	T	1	2	3	T	1	2	3	T
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Andhra Pradesh	12.09	8.86	1.97	22.92	28.74	23.33	4.25	56.32	3.56	2.87	5.06	11.49
2.	Assam	5.39	1.37	0.09	6.84	29.85	12.32	0.13	42.31	14.00	5.45	0.58	20.03
3.	Bihar	13.93	4.70	0.00	18.63	41.16	21.14	1.71	64.01	4.68	4.84	0.23	9.75
4.	Gujarat	43.74	15.67	8.01	67.43	18.47	6.36	2.47	27.30	0.63	0.24	3.32	4.19
5.	Haryana	29.38	11.95	2.61	43.94	14.59	8.04	0.42	23.05	18.02	13.24	0.69	31.96
6.	Himachal Pradesh	42.24	9.40	3.50	55.13	7.92	7.80	0.82	16.54	13.97	7.39	5.90	27.26
7.	Jammu & Kashmir	11.24	7.78	1.08	20.10	4.21	2.48	0.00	6.68	29.00	30.84	3.79	63.62
8.	Karnataka	35.38	23.72	3.65	62.74	17.73	11.94	1.97	31.64	1.10	1.32	0.43	2.85
9.	Kerala	8.76	1.81	0.40	10.98	36.90	8.32	1.01	46.23	0.37	0.00	0.00	0.37
10.	Madhya Pradesh	24.21	7.81	1.20	33.23	25.17	10.91	3.16	39.24	11.62	8.64	4.39	24.65
11.	Maharashtra	22.51	17.36	8.83	48.70	10.98	12.52	16.69	40.19	2.37	3.33	3.15	8.85
12.	Manipur	5.48	3.63	0.42	9.53	11.96	2.17	0.00	14.13	0.00	0.00	0.00	0.00
13.	Meghalaya	7.85	8.27	0.00	16.13	12.78	22.39	0.17	35.34	14.68	22.32	2.31	39.31
14.	Nagaland	31.90	12.15	0.33	44.38	23.03	7.81	1.32	32.16	3.34	3.75	0.00	7.09
15.	Orissa	7.92	1.07	0.82	9.82	44.53	20.48	2.66	67.67	5.54	4.07	2.19	11.81
16.	Punjab	37.69	23.77	0.65	62.11	6.17	3.04	0.06	9.27	14.57	9.84	0.79	25.20
17.	Rajasthan	18.99	12.24	0.25	31.48	22.40	19.35	0.25	41.99	14.20	5.14	1.30	20.63
18.	Sikkim	22.77	21.89	1.64	46.30	19.78	18.74	1.46	39.99	3.00	8.58	0.00	11.57
19.	Tamil Nadu	21.57	18.28	2.32	42.17	18.52	17.40	2.03	37.95	6.16	7.76	3.29	17.21
20.	Tripura	3.05	1.11	0.00	4.15	22.23	19.20	0.49	41.92	1.92	4.84	0.00	6.76
21.	Uttar Pradesh	23.88	9.98	0.98	34.84	12.02	6.97	0.64	19.63	25.26	16.46	2.36	44.08
22.	West Bengal	7.27	12.95	0.82	21.04	28.60	25.60	2.89	57.09	3.67	5.04	0.43	9.14
23.	Andaman & Nicobar Islands	7.15	4.36	0.00	11.50	25.29	27.27	10.49	63.06	5.52	12.87	4.07	22.46
24.	Arunachal Pradesh	9.37	2.50	0.00	11.87	29.80	13.13	0.98	43.91	11.96	2.63	0.39	14.98
25.	Chandigarh	50.22	47.60	0.00	97.82	0.59	0.00	0.00	0.59	0.45	1.14	0.00	1.59
26.	Dadra & Nagar Haveli	16.30	0.00	0.00	16.30	58.46	13.62	11.62	83.70	0.00	0.00	0.00	0.00
27.	Delhi	37.61	24.09	6.12	67.82	2.44	3.43	2.63	8.50	5.94	6.67	9.15	21.75
28.	Goa	20.95	2.81	0.00	23.76	19.12	20.63	3.06	42.80	0.00	0.00	0.00	0.00
29.	Lakshadweep	0.00	0.00	0.00	0.00	78.37	12.18	1.71	92.26	0.00	0.00	0.00	0.00
30.	Mizoram	10.92	1.14	0.00	12.06	15.71	2.90	0.00	18.61	4.55	1.35	0.00	5.90
31.	Pondicherry	6.84	3.41	0.00	10.25	53.88	18.99	0.00	72.87	0.00	8.90	0.00	8.90
32.	Daman & Diu	51.87	1.79	0.00	53.66	29.70	16.64	0.00	46.34	0.00	0.00	0.00	0.00
33.	All India	22.21	13.72	3.12	39.06	19.62	13.70	4.17	37.49	8.00	6.44	2.57	17.01
34.	Estd. hhs. (00)	54845	33879	7710	96434	48432	33839	10290	92561	19751	15891	6355	41998
35.	sample hhs.	4588	2600	484	7672	4077	2447	697	7221	1918	1563	522	4003

facility code : household exclusive use—1 : common use of households in the building—2; community use—3.

TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE.

srl. no.	state/union territories	URBAN									estd. no. of hhs. (00)
		type of latrine									
		others				all					
		facility (code)									
		1	2	3	T	1	2	3	n.r.	T	
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1.	Andhra Pradesh	2.21	3.20	3.48	8.90	46.60	38.26	14.76	0.38	100.00	17216
2.	Assam	15.88	9.86	4.62	30.36	65.13	29.00	5.42	0.46	100.00	3496
3.	Bihar	4.35	2.32	0.48	7.15	64.12	33.00	2.43	0.45	100.00	12172
4.	Gujarat	0.31	0.70	0.02	1.03	63.15	22.97	13.82	0.05	100.00	16396
5.	Haryana	0.00	0.59	0.00	0.59	61.99	33.82	3.73	0.46	100.00	4803
6.	Himachal Pradesh	0.32	0.00	0.32	0.64	64.45	24.59	10.53	0.43	100.00	401
7.	Jammu & Kashmir	3.64	2.23	3.62	9.50	48.08	43.33	8.49	0.10	100.00	1864
8.	Karnataka	0.91	1.08	0.43	2.42	55.11	38.06	6.48	0.35	100.00	14153
9.	Kerala	35.03	4.11	3.21	42.35	81.06	14.25	4.62	0.08	100.00	7211
10.	Madhya Pradesh	1.22	0.42	0.38	2.01	62.22	27.79	9.12	0.87	100.00	12033
11.	Maharashtra	0.20	0.55	1.41	2.16	36.07	33.76	30.08	0.09	100.00	37444
12.	Manipur	71.25	5.09	0.00	76.34	88.69	10.89	0.42	0.00	100.00	717
13.	Meghalaya	8.93	0.30	0.00	9.22	44.24	53.28	2.48	0.00	100.00	636
14.	Nagaland	10.70	3.19	2.48	16.37	68.97	26.90	4.13	0.00	100.00	235
15.	Orissa	10.16	0.45	0.10	10.71	68.16	26.07	5.77	0.00	100.00	3747
16.	Punjab	1.76	1.13	0.06	2.95	60.18	37.79	1.56	0.46	100.00	7381
17.	Rajasthan	3.83	1.89	0.12	5.83	59.41	38.61	1.91	0.07	100.00	9746
18.	Sikkim	0.57	1.57	0.00	2.14	46.12	50.78	3.10	0.00	100.00	93
19.	Tamil Nadu	1.11	0.61	0.71	2.42	47.36	44.05	8.35	0.24	100.00	23136
20.	Tripura	25.08	21.12	0.65	46.85	52.28	46.26	1.15	0.32	100.00	498
21.	Uttar Pradesh	0.44	0.23	0.31	0.97	61.59	33.64	4.29	0.48	100.00	32117
22.	West Bengal	5.95	4.13	2.32	12.40	45.49	47.72	6.46	0.32	100.00	27207
23.	Andaman & Nicobar Islands	0.00	1.68	0.98	2.65	37.95	46.17	15.54	0.33	100.00	112
24.	Arunachal Pradesh	22.35	4.96	1.07	28.38	73.48	23.21	2.44	0.87	100.00	77
25.	Chandigarh	0.00	0.00	0.00	0.00	51.26	48.74	0.00	0.00	100.00	1140
26.	Dadra & Nagar Haveli	0.00	0.00	0.00	0.00	74.76	13.62	11.62	0.00	100.00	12
27.	Delhi	0.21	0.98	0.23	1.42	46.20	35.16	18.13	0.51	100.00	11726
28.	Goa	17.18	11.34	4.33	32.85	57.25	34.78	7.39	0.59	100.00	474
29.	Lakshadweep	7.74	0.00	0.00	7.74	86.11	12.18	1.71	0.00	100.00	19
30.	Mizoram	47.60	13.80	0.29	61.70	78.78	19.19	0.29	1.74	100.00	265
31.	Pondicherry	6.98	1.01	0.00	7.99	67.60	32.30	0.00	0.00	100.00	354
32.	Daman & Diu	0.00	0.00	0.00	0.00	81.57	18.43	0.00	0.00	100.00	28
33.	All India	3.38	1.64	1.11	6.13	53.21	35.51	10.97	0.31	100.00	246909
34.	estd. hhs. (00)	8352	4058	2732	15142	131380	87667	27087	774	246909	
35.	sample hhs.	1230	417	212	1859	11813	7027	1915	72	20827	

TABLE (23) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY NUMBER OF HOUSEHOLDS USING LATRINE.

srl. no.	state/union territories	percentage of households having					estd. no. of households (00)	no. of sample households	URBAN
		no latrine	latrine for excl. use	no. of households using latrine					
				2-4	5-9	10 & above			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Andhra Pradesh	41.53	27.25	15.96	3.10	12.15	100.00	29445	2044
2.	Assam	6.39	61.30	18.38	10.23	3.69	100.00	3735	657
3.	Bihar	38.97	39.13	14.39	3.82	3.70	100.00	19944	1276
4.	Gujarat	26.09	46.67	11.13	5.51	10.59	100.00	22184	1290
5.	Haryana	37.15	38.96	18.79	3.20	1.89	100.00	7643	478
6.	Himachal Pradesh	43.83	36.44	10.96	5.50	3.26	100.00	714	288
7.	Jammu & Kashmir	21.74	37.63	28.86	5.93	5.84	100.00	2382	1200
8.	Karnataka	36.05	35.24	14.76	5.49	8.45	100.00	22131	1392
9.	Kerala	18.67	65.95	8.03	3.65	3.71	100.00	8867	864
10.	Madhya Pradesh	45.63	33.84	10.70	4.51	5.32	100.00	22133	1615
11.	Maharashtra	23.20	27.70	13.05	7.99	28.06	100.00	48756	3292
12.	Manipur	0.00	88.69	8.87	2.02	0.42	100.00	717	428
13.	Meghalaya	0.45	44.04	29.88	8.76	16.87	100.00	639	279
14.	Nagaland	6.22	64.68	21.76	3.55	3.79	100.00	250	192
15.	Orissa	49.80	34.22	7.75	3.49	4.74	100.00	7465	713
16.	Punjab	30.98	41.56	20.19	2.63	4.64	100.00	10694	1536
17.	Rajasthan	36.56	37.69	16.81	6.25	2.69	100.00	15364	1044
18.	Sikkim	9.76	41.62	41.57	4.87	2.19	100.00	103	144
19.	Tamil Nadu	40.01	28.41	15.60	7.81	8.17	100.00	38567	2534
20.	Tripura	1.25	51.63	39.46	5.71	1.95	100.00	505	269
21.	Uttar Pradesh	28.65	43.98	18.70	4.09	4.58	100.00	45012	2941
22.	West Bengal	17.54	37.51	19.92	10.13	14.90	100.00	32995	2168
23.	Andaman & Nicobar Islands	27.94	27.35	18.69	12.81	13.21	100.00	155	192
24.	Arunachal Pradesh	1.17	72.62	15.80	9.55	0.86	100.00	78	119
25.	Chandigarh	17.87	42.10	13.09	26.18	0.77	100.00	1388	90
26.	Dadra & Nagar Haveli	18.10	61.23	9.51	0.00	11.16	100.00	15	24
27.	Delhi	18.74	37.54	17.88	6.16	19.69	100.00	14430	957
28.	Goa	30.92	39.55	16.25	8.29	4.99	100.00	686	96
29.	Lakshadweep	41.15	50.68	8.17	0.00	0.00	100.00	32	72
30.	Mizoram	0.13	78.68	17.31	3.88	0.00	100.00	265	287
31.	Pondicherry	60.53	26.72	7.11	4.05	1.59	100.00	897	140
32.	Daman & Diu	40.48	48.55	10.97	0.00	0.00	100.00	47	48
33.	All India	31.08	36.68	15.51	5.95	10.78	100.00	358234	28669

TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING.

srl. no.	state/union territories	type of lighting					total	URBAN
		no. lighting	electricity	kerosene	others	n.r.		estimated no. of house- holds (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Andhra Pradesh	1.17	72.44	25.87	0.41	0.11	100.00	29445
2.	Assam	2.67	67.83	29.41	0.06	0.03	100.00	3735
3.	Bihar	1.81	59.63	38.39	0.09	0.09	100.00	19944
4.	Gujarat	4.28	83.10	12.54	0.08	0.00	100.00	22184
5.	Haryana	0.39	91.85	7.51	0.24	0.00	100.00	7643
6.	Htmachal Pradesh	2.05	95.32	2.17	0.00	0.46	100.00	714
7.	Jammu & Kashmir	2.62	94.81	2.24	0.32	0.00	100.00	2382
8.	Karnataka	2.54	74.85	22.49	0.10	0.02	100.00	22131
9.	Kerala	1.49	70.08	28.04	0.15	0.24	100.00	8867
10.	Madhya Pradesh	4.17	71.91	23.31	0.31	0.31	100.00	22133
11.	Maharashtra	1.78	83.01	15.09	0.12	0.00	100.00	48756
12.	Manipur	0.76	79.29	18.29	1.03	0.63	100.00	717
13.	Meghalaya	1.99	92.05	5.48	0.39	0.08	100.00	639
14.	Nagaland	0.40	91.37	7.28	0.00	0.95	100.00	250
15.	Orissa	1.80	61.45	36.10	0.31	0.33	100.00	7465
16.	Punjab	2.01	90.82	6.09	0.79	0.29	100.00	10694
17.	Rajasthan	2.02	79.24	18.60	0.14	0.00	100.00	15364
18.	Sikkim	0.00	93.47	4.12	2.42	0.00	100.00	103
19.	Tamil Nadu	3.75	73.90	21.48	0.04	0.84	100.00	38567
20.	Tripura	5.12	88.92	5.71	0.25	0.00	100.00	505
21.	Uttar Pradesh	2.62	66.73	30.17	0.39	0.10	100.00	45012
22.	West Bengal	2.06	63.07	34.38	0.36	0.13	100.00	32995
23.	Andaman & Nicobar islands	0.71	85.71	13.23	0.35	0.00	100.00	155
24.	Arunachal Pradesh	5.87	73.90	17.18	1.62	1.43	100.00	78
25.	Chandigarh	0.72	95.98	3.31	0.00	0.00	100.00	1388
26.	Dadra & Nagar Haveli	0.00	95.55	4.45	0.00	0.00	100.00	15
27.	Daman & Diu	2.21	97.79	0.00	0.00	0.00	100.00	47
28.	Delhi	6.09	86.33	7.34	0.24	0.00	100.00	14430
29.	Goa	1.63	90.73	7.64	0.00	0.00	100.00	686
30.	Lakshadweep	0.00	100.00	0.00	0.00	0.00	100.00	32
31.	Mizoram	1.82	91.96	5.63	0.00	0.59	100.00	265
32.	Pondicherry	0.62	50.40	48.98	0.00	0.00	100.00	897
33.	All India	2.59	74.38	22.63	0.23	0.17	100.00	358234

TABLE (25) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF COOKING FUEL USED FOR FRACTILE CLASSES OF MONTHLY PÉR CAPITA ÉXPÉNDITURÉ.

PONDICHÉRRY											URBAN
srl. no.	fractile classes	type of cooking fuel								total	estd. no. of hhs. (00)
		LPG or piped gas	locally produced gas	electricity	kerosene	coal	firewood	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1.	0—10	0.00	0.00	0.00	0.00	0.00	93.45	6.55	0.00	100.00	70
2.	10—20	14.58	0.00	0.00	5.65	0.00	79.77	0.00	0.00	100.00	55
3.	20—30	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100.00	94
4.	30—40	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100.00	80
5.	40—50	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	100.00	78
6.	50—60	0.00	4.02	0.00	13.74	0.00	77.08	5.16	0.00	100.00	89
7.	60—70	4.08	0.00	0.00	10.34	0.00	85.59	0.00	0.00	100.00	112
8.	70—80	9.28	0.00	0.00	17.69	0.00	73.02	0.00	0.00	100.00	85
9.	80—90	24.00	0.00	0.00	27.92	0.00	43.40	4.68	0.00	100.00	98
10.	90—95	15.48	19.90	0.00	38.06	0.00	26.56	0.00	0.00	100.00	60
11.	95—100	47.83	0.00	0.00	27.05	0.00	19.64	0.00	5.48	100.00	76
12.	n.r.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0
13.	áall cláássés	10.01	1.73	0.00	12.57	0.00	73.69	1.53	0.47	100.00	897
14.	est. no. (00)	90	16	0	113	0	661	14	4	897	

TABLE (26) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS NOT ELECTRIFIED AND (2) ELECTRIFIED BY TYPE OF WIRING AND ELECTRIC METRE.

srl. no.	state/union territories	type of wiring								type of meter			total	esti- mated no. of hhs. (00)
		type of wiring				type of meter				electri- fied	not electri- fied			
		cond- wiring	fixed to wall	tempo- rary	n.r.	inde- pen- dent	com- mon	no meter	n.r.					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1.	Andhra Pradesh	16.79	47.42	8.42	0.09	37.04	31.98	3.52	0.19	72.73	27.27	100.00	29430	
2.	Assam	6.10	50.95	11.97	0.03	47.13	18.22	3.31	0.40	69.05	30.95	100.00	3755	
3.	Bihar	7.47	45.54	7.45	0.00	31.31	19.38	9.65	0.13	60.46	39.54	100.00	19935	
4.	Gujarat	18.01	63.20	3.30	0.00	67.51	14.79	2.13	0.08	84.51	15.49	100.00	22184	
5.	Haryana	16.83	72.55	2.76	0.00	59.07	32.14	0.93	0.00	92.14	7.86	100.00	7643	
6.	Himachal Pradesh	7.45	85.46	4.65	0.00	74.59	21.70	1.27	0.00	97.56	2.44	100.00	714	
7.	Jammu & Kashmir	11.49	60.58	24.43	0.00	41.14	34.70	20.66	0.00	96.50	3.50	100.00	2381	
8.	Karnataka	22.79	51.20	1.39	0.10	52.83	20.63	2.02	0.00	75.48	24.52	100.00	22131	
9.	Kerala	29.47	40.84	1.00	0.00	62.00	8.58	0.53	0.19	71.31	28.69	100.00	8867	
10.	Madhya Pradesh	20.21	38.05	15.12	0.05	46.83	16.50	9.85	0.26	73.43	26.57	100.00	22133	
11.	Maharashtra	13.17	59.83	10.81	0.00	58.70	21.33	3.76	0.02	83.81	16.19	100.00	48651	
12.	Manipur	1.64	61.66	20.62	0.00	52.56	21.87	9.48	0.00	83.91	16.09	100.00	717	
13.	Meghalaya	5.36	80.92	6.84	0.00	37.59	51.61	2.44	1.47	93.12	6.88	100.00	639	
14.	Nagaland	3.75	80.61	8.40	0.00	68.99	22.14	1.63	0.00	92.75	7.25	100.00	250	
15.	Orissa	7.08	48.41	6.09	0.00	32.31	23.61	5.40	0.26	61.57	38.43	100.00	7465	
16.	Punjab	14.49	73.83	3.32	0.00	58.66	31.05	1.87	0.06	91.64	8.36	100.00	10694	
17.	Rajasthan	13.53	55.45	10.46	0.00	46.97	29.09	3.13	0.25	79.43	20.57	100.00	15364	
18.	Sikkim	21.38	65.43	6.03	0.00	38.84	49.25	4.74	0.00	92.83	7.17	100.00	103	
19.	Tamil Nadu	17.47	54.45	3.02	0.00	46.12	26.45	2.35	0.02	74.94	25.06	100.00	38536	
20.	Tripura	5.04	61.87	23.58	0.00	47.24	33.12	10.13	0.00	90.48	9.52	100.00	505	
21.	Uttar Pradesh	10.72	46.84	9.60	0.00	38.53	19.57	9.03	0.03	67.16	32.84	100.00	44940	
22.	West Bengal	2.67	52.07	8.53	0.08	34.05	18.85	10.37	0.09	63.36	36.64	100.00	32595	
23.	Andaman & Nicobar Islands	1.69	81.29	3.57	0.00	46.60	38.07	1.88	0.00	86.55	13.45	100.00	153	
24.	Arunachal Pradesh	6.26	63.88	7.65	0.00	72.76	3.36	1.67	0.00	77.79	22.21	100.00	78	
25.	Chandigarh	42.35	53.63	0.00	0.00	44.47	51.50	0.00	0.00	95.98	4.02	100.00	1388	
26.	Dadra & Nagar Haveli	46.54	49.01	0.00	0.00	64.54	31.01	0.00	0.00	95.55	4.45	100.00	15	
27.	Delhi	28.93	51.90	6.21	0.00	52.06	28.32	6.45	0.21	87.04	12.96	100.00	14425	
28.	Goa	6.99	79.07	3.90	0.00	55.36	29.22	5.38	0.00	89.96	10.04	100.00	686	
29.	Lakshadweep	7.40	89.85	2.75	0.00	95.13	2.97	1.90	0.00	100.00	0.00	100.00	32	
30.	Mizoram	12.14	76.46	3.75	0.45	61.66	31.14	0.00	0.00	92.80	7.20	100.00	265	
31.	Pondicherry	16.26	33.02	1.12	0.00	42.14	6.94	0.79	0.53	50.40	49.60	100.00	897	
32.	Daman & Diu	0.00	96.40	1.40	0.00	74.88	15.81	7.09	0.00	97.79	2.21	100.00	47	
33.	All-India	14.66	52.89	7.53	0.03	47.08	22.56	5.37	0.10	75.12	24.88	100.00	357995	

TABLE (27) : NUMBER OF HOUSEHOLDS REPORTING SELECTED ITEMS OF ELECTRICAL FITTING PER 1000 HOUSEHOLDS REPORTING ELECTRIFICATION.

srl. no.	state/union territories	items of electrical fittings			estimated no. of hhs. (00)	
		ceiling fans	other fans	air conditioners	URBAN	
					geysers	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Andhra Pradesh	508.26	337.24	25.13	22.42	21404
2.	Assam	572.02	551.56	2.99	1.13	2579
3.	Bihar	654.96	273.94	16.84	6.02	12054
4.	Gujarat	724.19	180.52	15.36	67.39	18748
5.	Haryana	811.88	392.71	219.71	47.61	7042
6.	Himachal Pradesh	343.85	334.87	19.64	53.70	696
7.	Jammu & Kashmir	335.09	345.05	53.10	18.46	2297
8.	Karnataka	387.26	260.80	3.26	31.36	16705
9.	Kerala	594.71	355.06	10.10	23.01	6323
10.	Madhya Pradesh	481.50	469.04	81.92	16.57	16253
11.	Maharashtra	537.76	337.94	34.36	121.40	40776
12.	Manipur	120.01	284.98	1.56	2.90	601
13.	Meghalaya	111.69	52.57	3.06	0.00	595
14.	Nagaland	220.55	134.47	5.34	0.00	232
15.	Orissa	624.48	384.88	27.40	2.61	4596
16.	Punjab	823.75	441.30	134.67	42.82	9800
17.	Rajasthan	677.06	413.96	123.22	19.92	12204
18.	Sikkim	27.84	11.68	0.00	28.19	96
19.	Tamil Nadu	589.04	237.96	9.26	22.02	28878
20.	Tripura	551.45	289.44	4.03	12.49	457
21.	Uttar Pradesh	689.75	400.21	124.64	23.06	30182
22.	West Bengal	769.63	214.18	5.64	6.08	20905
23.	Andaman & Nicobar Islands	471.56	236.47	0.00	0.00	132
24.	Arunachal Pradesh	828.42	197.28	0.00	0.00	60
25.	Chandigarh	774.27	247.59	120.50	46.35	1332
26.	Dadra & Nagar Haveli	751.43	256.45	0.00	0.00	14
27.	Delhi	830.03	361.68	356.45	150.20	12556
28.	Goa	543.23	480.48	28.09	26.06	617
29.	Lakshadweep	804.41	295.74	0.00	0.00	32
30.	Mizoram	159.66	126.37	35.06	12.07	246
31.	Pondicherry	530.75	281.34	26.00	43.27	452
32.	Daman & Diu	580.86	341.26	16.25	16.25	46
33.	All-India	618.58	325.25	64.51	45.57	268910



TABLE (1) PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH AREA OF BUILDING

srl. no.	city	plinth area of building in sq. mt.										total	n.r.	estimated no. of households (00)
		less 10	10-20	20-30	30-40	40-50	50-75	75-100	100 or more	(10)	(11)			
1.	Bombay	4.74	5.02	3.00	2.45	4.91	5.67	7.08	67.14	—	100.00	16762		
2.	Calcutta	1.93	4.32	4.96	7.22	8.96	14.47	16.41	41.72	—	100.00	8961		
3.	Delhi	10.48	12.46	13.83	6.72	10.45	8.02	8.09	29.84	0.11	10.00	14425		
4.	Madras	10.30	9.34	9.06	7.39	8.36	13.71	8.10	33.78	—	100.00	7739		
5.	all metro cities	6.84	7.83	7.60	5.43	7.90	9.33	9.29	45.76	0.03	100.00	47888		

TABLE (2) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PLINTH LEVEL OF BUILDING

srl. no.	city	plinth level of buildings (code)*							total	estimated number of households (00)
		1	2	3	4	5	n.			
		(3)	(4)	(5)	(6)	(7)	(8)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1.	Bombay . . . . .	33.72	55.60	6.02	1.60	3.05	—	100.00	16762	
2.	Calcutta . . . . .	10.07	69.71	16.73	2.66	0.82	—	100.00	8961	
3.	Delhi . . . . .	14.54	73.60	6.85	4.07	0.93	—	100.00	14425	
4.	Madras . . . . .	25.17	49.01	19.42	2.65	3.75	—	100.00	7739	
5.	all metro cities	22.14	62.60	10.44	2.71	2.11	—	100.00	47888	

\*plinth level building (code) : no plinth—1, less than 0.5 mt.—2, 0.5 to 1 mt.—3, 1 to 2 mt.—4, mt.or more—5.

TABLE (3) : PERCENTAGE DISTRIBUTION OF HOUSEHOLD BY TYPE OF USE OF BUILDING

srl. no.	city	type of use of building (code)*						total	estimated number of household (00)	
		1	2	3	4	5	6			
		(3)	(4)	(5)	(6)	(7)	(8)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Bombay . . . . .	78.13	2.32	2.46	13.53	1.78	1.78	—	100.00	16762
2.	Calcutta . . . . .	74.29	6.52	4.94	8.94	2.09	3.22	—	100.00	8691
3.	Delhi . . . . .	83.90	6.76	0.57	6.14	0.53	2.10	—	100.00	14425
4.	Madras . . . . .	90.22	2.05	1.22	5.63	0.65	0.24	—	100.00	7739
5.	all metro cities	81.10	4.40	2.15	9.17	1.28	1.89	—	100.00	47888

\*type of use of building (code) residential—1, residential cum factory—2, residential cum office—3, residential cum shop  
4. any combination of codes 2, 3 or 4—5 others—9.

TABLE (4): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF STRUCTURE OF BUILDING CUM-SLUM AREA OR NOT  
CITIES

Sl. no.	cities	slums/bustec		others		total						esti- mated no. of house- holds (00)			
		pucca	semi- pucca	katcha	all	pucca	type of structure								
							semi- pucca	katcha	all	pucca	semi- pucca		katcha	n. r.	all
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1.	Bombay.	18.79	9.26	2.57	30.61	66.83	2.70	0.86	69.39	84.62	11.95	3.43	0.00	100.00	16762
2.	Madras .	3.70	1.40	10.18	15.28	66.40	8.58	9.74	84.72	70.11	9.98	19.91	0.00	100.00	7739
3.	Calcutta .	24.59	3.65	0.63	28.87	65.73	4.88	0.52	71.13	90.32	8.53	1.14	0.00	100.00	8961
4.	Delhi .	11.97	5.72	1.75	19.44	77.13	2.98	0.45	80.56	89.10	8.70	2.20	0.00	100.00	14425

TABLE (5): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING

srl. no.	city	flood risk (code)*				total	CITIES
		1	2	3	n.r.		estimated number of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Bombay . . . . .	84.48	14.63	0.53	—	100.00	16762
2.	Calcutta . . . . .	75.06	24.94	—	—	100.00	8961
3.	Delhi . . . . .	84.86	13.72	1.42	—	100.00	14425
4.	Madras . . . . .	73.11	21.80	5.09	—	100.00	7739
5.	all metro cities . . . . .	81.12	17.45	1.44	—	100.00	47888

\*flood risk (code) : no flood risk—1, water logging in monsoon with water entering premises—2, flood risk from river, sea etc.—3.

TABLE (6): PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOD RISK OF BUILDING AND LOCATION IN SLUM/BUSTEE OR NOT CITIES

srl. no. city	flood risk (code)*												estimated no. of hhs. (00)	
	1			2			3			n.r.				total
	yes	no	total	yes	no	total	yes	no	total	yes	no	total		
(4) (2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. Bombay	18.51	66.33	84.84	11.57	3.06	14.63	0.53	—	0.53	—	30.61	69.39	100.00	16762
2. Calcutta	17.58	57.48	75.06	11.29	13.65	24.94	—	—	—	—	28.87	71.13	100.00	8961
3. Delhi	9.54	75.32	84.86	8.61	5.11	13.72	1.29	0.13	1.42	—	19.44	80.56	100.00	14425
4. Madras	3.62	69.49	73.11	9.33	12.47	21.80	2.33	2.76	5.09	—	15.28	84.62	100.00	7739
5. all metro cities	13.23	67.89	81.12	10.26	7.18	17.45	0.95	0.49	1.44	—	24.44	75.56	100.00	47888

\*flood risk (code) : no flood risk-1, water logging in monsoon with water entering premises—2, the flood risk form river, sea, etc.—3.

TABLE (7) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY APPROACH ROAD TO BUILDING

sr. no.	city	approach road (code)*					CITIES		estimated no. of households (00)
		1	2	3	4	5	n. r.	total	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Bombay . . . . .	27.57	56.72	3.80	10.15	1.76	0.00	100.00	16762
2.	Calcutta . . . . .	12.29	69.45	3.15	10.00	4.91	0.19	100.00	8961
3.	Delhi . . . . .	6.81	83.93	5.16	2.13	1.97	0.00	100.00	14425
4.	Madras . . . . .	16.10	77.72	2.64	2.97	0.56	0.00	100.00	7739

\*Approach road (code) : no direct opening to road—1, direct opening to electrified cartasle road—2; non electrified cartasle road—3; electrified other road—4; non electrified other road—5.

TABLE (8) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY PROXIMITY OF BUILDING TO ANIMAL SHED

sr. no.	city	animal shed (code)*				CITIES		estimated number of households (00)
		1	2	3	n. r.	total		
		(3)	(4)	(5)	(6)	(7)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Bombay . . . . .	98.92	0.34	0.74	0.00	100.00	16762	
2.	Calcutta . . . . .	92.94	2.06	4.81	0.19	100.00	8961	
3.	Delhi . . . . .	96.19	3.10	0.64	0.07	100.00	14425	
4.	Madras . . . . .	93.91	1.94	4.15	0.00	100.00	7739	

\*animal shed (code) : no animal shed—1, attached to the building—2, detached from the building—3.

TABLE (9) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY LOCATION IN SLUM/BUSTEE-CUM-DRAINAGE

sr.l. no.	city	slum/bustee		others				n. r.	total	estimated no. of hhs. (00)					
		1	2+3	4	drainage arrangement (code)*										
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)	(10)	(11)	(12)	(13)
1.	Bombay	3.39	23.38	3.84	30.61	1.71	14.41	53.26	69.39	00.00	5.10	37.80	57.10	100.00	16762
2.	Calcutta	4.95	12.98	10.77	28.70	6.53	30.56	33.84	70.93	0.37	11.48	43.54	44.61	100.00	8961
3.	Delhi	4.47	11.46	3.51	19.44	4.91	36.52	39.13	80.56	0.00	9.38	47.98	42.64	100.00	14425
4.	Madras	12.18	1.43	1.67	15.28	14.57	13.12	57.03	84.72	0.00	26.75	14.55	58.70	100.00	7739

\*drainage arrangement (code) : no drainage—1 : open katcha drainage—2 : open pucca drainage—3 : covered or underground drainage—4.  
 Note : n.r. includes the cases of slum/bustee and/or drainage.

TABLE (10) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF COMPOUND WALL OF BUILDING

srl. no.	city	CITIES							estimated number of hhs. (00)
		no wall	pucca wall	katcha wall	fence	others	n. r.	total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	Bombay . . .	72.73	24.67	0.30	0.57	1.73	0.00	100.00	16762
2.	Calcutta . . .	61.95	36.34	0.10	0.25	1.15	0.19	100.00	8961
3.	Delhi . . .	55.92	42.41	1.43	0.13	0.03	0.07	100.00	14425
4.	Madras . . .	70.58	26.33	1.68	0.56	0.68	0.17	100.00	7739

TABLE (11) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY OWNERSHIP OF DWELLING UNIT.

srl. no.	cities	CITIES					estimated no. of households (00)
		ownership of dwelling					
(1)	(2)	owned	hired	others	n.r.	total	(8)
		(3)	(4)	(5)	(6)	(7)	
1.	Bombay . . . . .	43.27	47.99	8.43	0.31	100.00	16762
2.	Madras . . . . .	38.73	56.76	4.51	0.00	100.00	7739
3.	Calcutta . . . . .	32.64	56.12	11.24	0.00	100.00	8961
4.	Delhi . . . . .	52.66	37.06	10.23	0.05	100.00	14425

TABLE (12) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLING

srl. no.	cities	CITIES							estimated no. of households (00)
		type of dwelling							
(1)	(2)	no dwelling	independent	flat	chawl	others	n.r.	total	(10)
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1.	Bombay . . . . .	0.00	6.14	30.92	51.70	10.87	0.36	100.00	16762
2.	Madras . . . . .	0.00	26.63	27.66	31.01	14.71	0.00	100.00	7739
3.	Calcutta . . . . .	0.00	16.35	18.53	2.83	62.30	0.00	100.00	8961
4.	Delhi . . . . .	0.00	38.39	40.30	14.58	6.42	0.30	100.00	14425



TABLE (13) : PERCENTAGE DISTRIBUTION OF HIRED DWELLINGS BY MONTHLY RENT CLASS AND AVERAGE AMOUNT OF RENT (IN RS.) FOR THOSE DWELLINGS IN EACH RENT CLASS

sr.l. no.	cities	monthly rent class (in Rs.)										estimated no. of sample hhs.				
		0—50		50—100		100—250		250—500		500 & above		n.r.	total hhs.	% of avci- age rent	(00)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	Bombay . . . . .	58.60	25.20	15.96	75.73	13.94	172.19	6.24	384.60	4.14	662.70	1.13	100.00	102.27	8045	569
2.	Calcutta . . . . .	57.57	27.91	21.32	75.04	13.60	163.76	5.09	380.57	2.26	1220.35	0.17	100.00	101.22	5029	331
3.	Delhi . . . . .	23.06	30.50	12.71	82.46	24.19	187.40	21.34	363.51	17.39	1129.24	1.32	100.00	336.80	5346	330
4.	Madras . . . . .	14.37	38.45	22.70	83.14	35.61	177.20	17.96	378.46	9.36	783.36	0.00	100.00	228.81	4393	308

Note : No average rent for n.r. cases.

TABLE (13A) : PERCENTAGE DISTRIBUTION OF NOT HIRED DWELLINGS BY MONTHLY RENT CLASS AND AVERAGE AMOUNT OF IMPUTED RENT (IN RS.) FOR THOSE DWELLINGS IN EACH RENT CLASS

sr.l. no.	cities	monthly rent class (in Rs.)										estimated no. of sample hhs.				
		0—50		50—100		100—250		250—500		500 & above		n.r.	total hhs.	% of avci- age rent	(00)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	Bombay . . . . .	20.26	37.05	25.01	85.54	12.91	181.30	10.31	405.46	31.02	1306.75	0.50	100.00	499.43	8666	585
2.	Calcutta . . . . .	15.49	37.88	10.15	90.68	24.64	186.09	22.43	419.09	25.25	1346.20	2.05	100.00	494.81	3932	317
3.	Delhi . . . . .	5.33	40.26	4.27	84.18	13.03	202.69	32.69	356.09	43.74	2091.42	0.54	100.00	1676.46	9073	624
4.	Madras . . . . .	18.76	40.91	17.27	79.73	22.30	175.44	22.98	379.39	16.14	1235.15	2.55	100.00	347.06	3346	241

Note : No average rent for n.r. cases.

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

BOMBAY		CITIES					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.04	0.43	11.34	2.52	1.05	0.12
1.	10—20	0.88	0.50	10.26	3.81	0.88	0.21
3.	20—30	1.11	0.38	14.23	2.65	0.18	0.04
4.	30—40	1.14	0.35	12.38	1.98	1.08	0.34
5.	40—50	1.29	0.97	14.97	4.74	0.43	0.41
6.	50—60	1.18	0.80	15.19	5.03	0.81	0.41
7.	60—70	1.24	1.09	17.40	6.76	0.83	0.25
8.	70—80	1.43	1.46	30.29	10.24	0.86	0.61
9.	80—90	1.51	1.78	28.22	11.76	2.01	0.55
10.	90—95	2.04	2.57	32.34	15.04	1.45	0.76
11.	95—100	2.19	2.77	40.70	16.05	2.99	1.15
12.	n.r.	5.00	4.00	135.00	350.00	0.00	0.00
13.	all classes	1.34	1.16	20.73	7.46	1.14	0.43
14.	estd. room/area (00)	22524	19509	347521	125027	19101	7240

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

CALCUTTA		CITIES					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.27	0.63	11.26	2.40	1.79	1.17
2.	10—20	1.25	0.39	11.77	1.49	1.48	1.34
3.	20—30	1.33	0.51	14.15	2.46	0.75	2.10
4.	30—40	1.18	0.45	11.14	1.55	0.76	1.69
5.	40—50	1.37	0.65	15.21	3.50	1.82	2.37
6.	50—60	1.52	1.20	17.46	6.27	1.97	1.83
7.	60—70	1.42	1.03	17.37	4.85	1.84	2.06
8.	70—80	1.65	1.24	19.25	6.61	1.35	1.54
9.	80—90	1.79	1.39	23.46	7.81	2.37	4.36
10.	90—95	2.04	1.42	26.99	8.41	2.65	1.94
11.	95—100	2.65	2.37	39.76	13.83	2.68	2.01
12.	n.r.	4.00	1.00	60.00	5.00	2.00	2.00
13.	all classes	1.57	1.03	18.69	5.37	1.77	2.14
14.	estd. room/area (00)	14105	9204	167444	48157	15839	19142

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE

DELHI		CITIES					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.33	1.08	14.20	5.02	1.35	0.86
2.	10—20	1.72	1.42	23.20	4.77	1.92	1.68
3.	20—30	1.64	1.58	19.15	8.69	1.06	0.74
4.	30—40	1.71	1.39	31.81	8.85	2.72	1.01
5.	40—50	1.56	1.52	15.40	4.57	2.15	0.88
6.	50—60	1.64	1.63	19.37	5.60	2.49	1.25
7.	60—70	1.51	1.88	16.58	5.91	1.55	0.95
8.	70—80	1.81	1.75	21.21	6.61	2.80	2.19
9.	80—90	2.31	2.66	30.59	11.82	5.30	2.62
10.	90—95	2.27	2.69	34.51	11.35	6.39	3.02
11.	95—100	3.16	4.21	59.28	19.01	9.48	3.06
12.	n.r.	2.68	3.59	42.15	10.49	3.20	1.40
13.	all classes	1.85	1.97	24.67	8.00	3.15	1.63
14.	estd. room/area (00)	26471	28395	355893	115375	45439	23444

TABLE (14) : AVERAGE NO. OF (I) LIVING ROOMS, (II) OTHER ROOMS AND AVERAGE AREA OF (III) LIVING ROOMS, (IV) OTHER ROOMS, (V) OPEN VERANDAH AND CLOSED VERANDAH PER DWELLING UNIT BY FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

MADRAS		CITIES					
srl. no.	fractile classes	average no. of		average area (sq. m.) of			
		living room	other room	living room	other room	open verandah	closed verandah
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	0—10	1.27	1.30	9.65	5.55	1.49	1.04
2.	10—20	0.98	0.72	9.66	2.92	0.65	2.54
3.	20—30	1.09	0.75	10.53	3.66	0.84	0.03
4.	30—40	1.07	0.73	8.69	2.51	0.36	0.51
5.	40—50	1.34	1.42	12.64	6.76	1.15	0.92
6.	50—60	1.32	1.17	13.52	6.13	1.36	1.46
7.	60—70	1.45	1.25	15.68	6.84	1.78	2.09
8.	70—80	1.43	1.53	17.71	5.93	1.02	1.79
9.	80—90	2.00	2.23	25.60	10.61	2.34	2.74
10.	90—95	2.31	2.34	27.99	14.54	2.73	1.33
11.	95—100	2.78	3.15	47.98	22.27	5.50	1.90
12.	n.r.	1.00	0.00	6.00	0.00	0.00	0.00
13.	all classes	1.52	1.47	17.60	7.56	1.65	1.50
14.	estd. room/area (00)	11726	11385	136170	58505	12744	11612

TABLE 15 : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY WALL TYPE

city	wall type											estimated no. of house- holds (00)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Bombay	2.35	1.11	0.43	2.09	60.41	18.49	13.91	0.58	0.27	0.36	100.00	16762
Calcutta	5.49	2.25	0.00	0.00	79.50	9.60	2.86	0.00	0.11	0.18	100.00	8961
Delhi	1.00	1.08	0.16	2.86	71.63	22.03	0.07	0.15	1.03	0.00	100.00	14425
Madras	6.49	14.33	0.00	0.41	53.68	25.09	0.00	0.00	0.00	0.00	100.00	7739

TABLE (16) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY ROOF TYPE

srl. no.	city	roof type (code)*											estimated no. of sample hhs. (15)	
		1	2	3	4	5	6	7	8	9	n.r.	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1.	Bombay	0.41	0.14	0.28	1.55	2.76	39.40	28.16	19.25	7.68	0.36	100.00	16762	1158
2.	Calcutta	0.84	0.23	0.22	0.18	3.79	42.90	48.62	2.41	0.82	0.00	100.00	8961	648
3.	Delhi	2.99	0.27	0.71	1.32	32.15	48.05	9.42	4.87	0.22	0.00	100.00	14425	956
4.	Madras	24.76	0.06	0.00	0.15	6.78	48.69	17.13	2.07	0.36	0.00	100.00	7739	549

\*roof type (code) : grass, straw, leaves, reeds, thatch—1; mud unburnt brick—2; tent, cloth—3; other karchi—4; burnt brick, stone limestone—5; cement, concrete, RCC—6; tiles, slate, corrugated iron sheet—7; asbestos cement sheet—8; other RCC—9.

TABLE (17) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FLOOR TYPE OF THE DWELLING UNIT

srl. no.	city	floor type (code)*									CITIES	
		1	2	3	4	5	6	9	n.r.	all	estimated no. of hhs. (00)	
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1.	Bombay . .	3.32	0.07	0.96	7.99	35.01	50.31	1.94	0.36	100.00	16762	
2.	Calcutta . .	10.40	0.00	1.16	2.91	79.86	4.53	1.10	0.00	100.00	8961	
3.	Delhi . .	7.86	0.00	0.00	2.25	77.04	10.21	2.61	0.00	100.00	14425	
4.	Madras . .	12.59	0.22	0.00	0.09	74.94	12.13	0.00	0.00	100.00	7739	

\*floor type (code) : mud—1, bamboo, log—2, wood, plank—3, brick, stone, limestone—4, cement—5, mosaic, tiles—6: other (pucca)—9.

TABLE (18) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE

city	source of drinking water									CITIES	
	tap : no storage tank	tap : storage tank	well	tube well hand pump	tank, pond	river, canal, lake	spring	others	n.r.	all sources	estimated no. of households ((
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Bombay	59.49	36.24	0.18	2.63	0.00	0.00	0.00	1.46	0.00	100.00	16762
Calcutta	57.78	20.05	0.25	21.92	0.00	0.00	0.00	0.00	0.00	100.00	8961
Delhi	59.92	18.60	2.49	18.99	0.00	0.00	0.00	0.00	0.00	100.00	14425
Madras	43.73	14.95	7.68	26.23	0.65	0.00	0.00	6.76	0.00	100.00	7739

TABLE (19) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY FACILITY OF DRINKING WATER

Sl. no.	City	facility of drinking water					CITIES	estima- ted no. of house- holds (00)
		exclusive use	common to house- hold in building	community use	not recorded	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
1.	Bombay . . . . .	50.52	23.77	25.70	0.00	100.00	16762	
2.	Calcutta . . . . .	22.68	38.93	38.39	0.00	100.00	8961	
3.	Delhi . . . . .	47.43	34.66	17.91	0.00	100.00	14425	
4.	Madras . . . . .	15.74	35.66	45.26	3.34	100.00	7739	

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE AND DISTANCE OF DRINKING WATER

BOMBAY		distance (in km.)					CITIES	estima- ted no. of house- holds (00)
Sl. no.	source	with-in premises	less than 0.5	0.5— 1.0	1.0 & above	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	tap . . . . .	59.78	35.14	0.27	0.53	0.00	95.72	16045
2.	well . . . . .	0.00	0.19	0.00	0.00	0.00	0.19	31
3.	tube well, hand pump . . . . .	0.08	2.56	0.00	0.00	0.00	2.63	441
4.	tank, pond etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
5.	river, canal etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
6.	spring . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
7.	others . . . . .	0.00	1.46	0.00	0.00	0.00	1.46	244
8.	n.r. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
9.	all sources . . . . .	59.85	39.35	0.27	0.53	0.00	100.00	16762
10.	estd. hhs. (00) . . . . .	10033	6595	44	89	0	16762	x
11.	sample hhs. . . . .	809	341	7	1	0	1158	x

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE AND DISTANCE OF DRINKING WATER

CALCUTTA								CITIES
Sl. no.		distance (in km.)					total	estimated no. of households (00)
		with-in premises	less than 0.5	0.5—1.0	1.0 & above	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	tap . . . . .	56.13	21.71	0.00	0.00	0.00	77.84	6975
2.	well . . . . .	0.06	0.19	0.00	0.00	0.00	0.25	22
3.	tube well, hand pump . . . . .	3.30	18.62	0.00	0.00	0.00	21.91	1963
4.	tank, pond etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
5.	river, canal etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
6.	spring . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
7.	others . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
8.	n.r. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
9.	all sources . . . . .	59.49	40.51	0.00	0.00	0.00	100.00	8960
10.	estd. hhs. (00) . . . . .	5330	3630	0	0	0	8960	
11.	sample hh. . . . .	385	263	0	0	0	648	x

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE AND DISTANCE OF DRINKING WATER

DELHI								CITIES
Sl. no.	source	distance (in km.)					total	estimated no. of households (00)
		with-in premises	less than 0.5	0.5—1.0	1.0 & above	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	tap . . . . .	63.60	14.77	0.10	0.00	0.04	78.52	11326
2.	well . . . . .	0.09	0.71	1.69	0.00	0.00	2.49	359
3.	tube well, hand pump . . . . .	13.84	4.59	0.56	0.00	0.00	18.99	2739
4.	tank, pond etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
5.	river, canal etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
6.	spring . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
7.	others . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
8.	n.r. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
9.	all sources . . . . .	77.53	20.07	2.36	0.00	0.04	100.00	14425
10.	estd. hhs. (00) . . . . .	11184	2895	340	0	5	14425	
11.	sample hh. . . . .	788	161	6	0	1	956	x

TABLE (20) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY SOURCE AND DISTANCE OF DRINKING WATER

MADRAS		distance (in km.)					CITIES	
Sl. no.	source	with-in premises	less than 0.5	0.5—1.0	1.0 & above	n.r.	total	estimated no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	tap . . . . .	30.98	26.90	0.80	0.00	0.00	58.69	4541
2.	well . . . . .	7.52	0.15	0.00	0.00	0.00	7.67	593
3.	tube well, hand pump	10.81	14.97	0.46	0.00	0.00	26.23	2030
4.	tank, pond etc.	0.17	0.48	0.00	0.00	0.00	0.65	50
5.	river, canal etc. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
6.	spring . . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
7.	others . . . . .	0.40	5.85	0.38	0.13	0.00	6.75	522
8.	n.r. . . . .	0.00	0.00	0.00	0.00	0.00	0.00	0
9.	all sources . . . . .	49.88	48.36	1.63	0.13	0.00	100.00	7738
10.	estd. hhs. (00) . . . . .	3860	3742	126	9	0	7738	x
11.	sample hh. . . . .	280	257	11	1	0	549	x

TABLE (21) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY DISTANCE FROM THE LATRINE USED

		distance from latrine used (in km.)				CITIES	
Sl. no.	city	in the premises	less than 0.5	0.5—1.0	1.0 or more	total	estimated no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Bombay . . . . .	41.84	57.62	0.55	0.00	100.00	15886
2.	Calcutta . . . . .	90.29	9.71	0.00	0.00	100.00	8712
3.	Delhi . . . . .	79.13	20.65	0.22	0.00	100.00	11658
4.	Madras . . . . .	78.99	20.93	0.08	0.00	100.00	631



TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE

PAGE—I

CITIES

srl. no.	city	type of latrine											
		flush system				septic tank				service latrine			
		facility (code)*											
		1	2	3	T	1	2	3	T	1	2	3	T
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Bompay	28.37	23.21	13.19	64.77	2.65	9.76	20.83	33.23	0.08	0.28	0.00	0.36
2.	Calcutta	16.95	37.26	2.45	56.66	12.54	22.07	1.50	36.11	2.07	2.51	0.26	4.84
3.	Delhi	37.61	24.09	6.12	67.82	2.44	3.43	2.63	8.50	5.94	6.67	9.15	21.75
4.	Madras	44.40	32.44	5.31	82.15	4.16	9.02	0.15	13.33	0.00	2.28	0.92	3.21

\*facility (code) : household exclusive use-1, common use of households in the building-2, community use-3.

TABLE (22) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE AND FACILITY OF LATRINE

PAGE—2

CITIES

srl. no.	city	type of latrine									estimated no. of hhs. (00)
		others				all					
		facility (code) *									
		1	2	3	T	1	2	3	n.r.	T	
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
1.	Bombay	0.11	0.50	0.95	1.55	31.21	33.75	34.96	0.08	100.00	15886
2.	Calcutta	1.27	1.12	0.00	2.39	32.83	62.95	4.21	0.00	100.00	8712
3.	Delhi	0.21	0.98	0.23	1.42	46.20	15.16	18.13	0.51	100.00	11726
4.	Madras	0.25	1.06	0.00	1.31	48.82	44.80	6.38	0.00	100.00	6381

\*facility (code) : household exclusive use-1, common use of households in the building-2, community use-3.

TABLE (23) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY NUMBER OF HOUSEHOLDS USING LATRINE

CITIES

srl. no.	city	percentage of households having							estimated no. of households (00)	no. of sample households	
		no latrine	latrine for excl. use	no. of households using latrine							
				2—4	5—9	10 & above	all				
								(3)			(4)
1.	Bombay			5.23	29.58	14.39	9.92	40.89	100.00	16762	1158
2.	Calcutta			2.78	31.92	20.75	17.18	27.37	100.00	8961	648
3.	Delhi			18.71	37.55	17.89	6.16	19.69	100.00	14425	956
4.	Madras			17.55	40.25	22.49	14.29	5.42	100.00	7739	549

TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING FOR FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

BOMBAY		type of lighting						CITIES
srl. no.	fractile classes	no lighting	electricity	kerosene	others	n.r.	total	estimated no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	0—10	2.74	74.37	22.88	0.00	0.00	100.00	1337
2.	10—20	2.07	78.58	19.34	0.00	0.00	100.00	1340
3.	20—30	0.00	88.90	11.10	0.00	0.00	100.00	1276
4.	30—40	13.08	75.96	10.95	0.00	0.00	100.00	1577
5.	40—50	1.08	97.41	1.51	0.00	0.00	100.00	1305
6.	50—60	0.00	94.92	2.32	2.76	0.00	100.00	1822
7.	60—70	0.00	98.39	1.61	0.00	0.00	100.00	1686
8.	70—80	0.67	98.51	0.82	0.00	0.00	100.00	2044
9.	80—90	1.31	98.45	0.24	0.00	0.00	100.00	2302
10.	90—95	0.00	96.34	3.66	0.00	0.00	100.00	921
11.	95—100	0.00	100.00	0.00	0.00	0.00	100.00	1143
12.	n.r.	0.00	100.00	0.00	0.00	0.00	100.00	9
13.	all classes	1.96	91.63	6.11	0.30	0.00	100.00	16762
14.	est. no. (00)	329	15359	1025	50	0	16762	

TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING FOR FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

CALCUTTA		type of lighting						CITIES
srl. no.	fractile classes	no lighting	electricity	kerosene	others	n.r.	total	estimated no. of households (00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	0—10	0.00	45.92	54.08	0.00	0.00	100.00	645
2.	10—20	3.00	58.61	38.39	0.00	0.00	100.00	740
3.	20—30	2.25	58.14	39.61	0.00	0.00	100.00	675
4.	30—40	0.00	77.19	22.81	0.00	0.00	100.00	742
5.	40—50	4.75	70.60	24.65	0.00	0.00	100.00	822
6.	50—60	0.00	83.46	16.54	0.00	0.00	100.00	1007
7.	60—70	1.39	80.30	18.31	0.00	0.00	100.00	905
8.	70—80	0.00	97.16	1.12	1.72	0.00	100.00	1072
9.	80—90	0.64	87.69	11.67	0.00	0.00	100.00	1164
10.	90—95	0.00	100.00	0.00	0.00	0.00	100.00	609
11.	95—100	0.00	96.53	3.47	0.00	0.00	100.00	558
12.	n.r.	0.00	100.00	0.00	0.00	0.00	100.00	21
13.	all classes	1.08	78.95	19.77	0.21	0.00	100.00	8961
14.	est. no. (00)	69	7074	1772	18	0	8961	

TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING FOR FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

DELHI								CITIES
srl. no.	fractile classes	type of lighting					total	estimated no. of households (00)
		no lighting	electricity	kerosene	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	0—10	20.41	62.27	17.31	0.00	0.00	100.00	1047
2.	10—20	12.76	78.06	9.18	0.00	0.00	100.00	1117
3.	20—30	3.75	80.05	16.20	0.00	0.00	100.00	1151
4.	30—40	0.00	98.34	1.66	0.00	0.00	100.00	942
5.	40—50	4.29	89.51	6.21	0.00	0.00	100.00	1279
6.	50—60	5.92	88.18	4.45	1.44	0.00	100.00	1505
7.	60—70	2.02	88.03	9.28	0.67	0.00	100.00	1849
8.	70—80	10.03	79.42	10.54	0.00	0.00	100.00	1857
9.	80—90	3.07	94.70	2.23	0.00	0.00	100.00	1642
10.	90—95	2.21	97.79	0.00	0.00	0.00	100.00	886
11.	95—100	2.83	95.83	1.34	0.00	0.00	100.00	875
12.	n.r.	4.28	91.44	4.28	0.00	0.00	100.00	274
13.	all classes	6.06	86.36	7.35	0.24	0.00	100.00	14425
14.	est. no. (00)	874	12458	1060	34	0	14425	

TABLE (24) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LIGHTING FOR FRACTILE CLASSES OF MONTHLY PER CAPITA EXPENDITURE.

MADRAS								CITIES
srl. no.	fractile classes	type of lighting					total	estimated no. of households (00)
		no lighting	electricity	kerosene	others	n.r.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	0—10	15.40	58.38	26.22	0.00	0.00	100.00	599
2.	10—20	14.11	42.67	43.22	0.00	0.00	100.00	590
3.	20—30	8.29	74.74	16.96	0.00	0.00	100.00	663
4.	30—40	16.48	56.59	26.93	0.00	0.00	100.00	832
5.	40—50	0.00	95.05	4.95	0.00	0.00	100.00	695
6.	50—60	8.94	78.68	12.38	0.00	0.00	100.00	800
7.	60—70	7.76	89.72	2.52	0.00	0.00	100.00	709
8.	70—80	0.00	98.15	1.85	0.00	0.00	100.00	931
9.	80—90	3.05	96.03	0.92	0.00	0.00	100.00	858
10.	90—95	2.58	97.42	0.00	0.00	0.00	100.00	460
11.	95—100	0.00	100.00	0.00	0.00	0.00	100.00	592
12.	n.r.	0.00	100.00	0.00	0.00	0.00	100.00	11
13.	all classes	6.88	81.17	11.95	0.00	0.00	100.00	7739
14.	est. no. (00)	532	6282	925	0	0	7739	

TABLE (25) : PERCENTAGE DISTRIBUTION OF HOUSEHOLDS NOT ELECTRIFIED AND (2) ELECTRIFIED BY TYPE OF WIRING, AND ELECTRIC METER.

srl. no.	city	type of wiring								elec- trified	not elec- tri- fied	total	estimated no. of hhs. (00)
		type of wiring				type of meter							
		no weiring	fixed to wall	tempo- rary	n.r.	inde- pendent	common	no meter	n.r.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1.	Bombay	14.22	153.60	18.12	0.00	77.61	13.01	2.36	0.00	92.97	7.03	100.00	16762
2.	Calcutta	7.87	127.54	22.95	0.00	37.70	25.17	16.31	0.00	79.18	20.82	100.00	8961
3.	Delhi	57.85	103.80	12.43	0.00	52.06	28.32	6.45	0.21	87.04	12.96	100.00	14425
4.	Madras	22.89	131.35	7.83	0.00	53.33	24.51	2.99	0.00	81.03	18.97	100.00	7739

TABLE (26) : NUMBER OF HOUSEHOLDS REPORTING SELECTED TYPES OF ELECTRICAL FITTINGS PER 1000 HOUSEHOLDS REPORTING ELECTRIFICATION.

srl. no.	city	items of electrical fittings				estimated no. of hhs. (00)				
		items of electrical fittings								
		ceiling fans	other fans	airconditioner	gezers					
(1)	(2)	(3)	(4)	(5)	(6)	(7)				
1.	Bombay					749.15	290.11	29.50	203.48	15585
2.	Calcutta					767.74	225.67	9.19	9.41	7095
3.	Delhi					830.03	361.68	356.45	150.20	12556
4.	Madras					787.69	189.24	25.10	68.72	6271

सर्वेक्षण

राष्ट्रीय प्रतिदर्श  
सर्वेक्षण  
संगठन संबंधी  
पत्रिका

खण्ड XV, संख्या 3

जनवरी-मार्च 1992, अंक संख्या 50

सांख्यिकी विभाग

योजना मंत्रालय

भारत सरकार

सम्पादकीय सलाहकार बोर्ड

1. प्रो. पी. विसारिया
2. प्रो. बी. एस. मिन्हास
3. प्रो. बी. एम. बांडेकर
4. डा. के. एल. कृष्णा
5. प्रो. एस. डी. तोंडुलकर
6. श्री एम. जी. सरदाना
7. डा. एस. एन. रे
8. श्री एस. रे
9. श्री पी. चट्टोपाध्याय

शुल्क (एक प्रति)

मूल्य : अन्तर्देशीय 40.00 रुपये

विदेश में 4.66 पाँड अथवा 14.40 डालर

वार्षिक अंशदान

मूल्य : अन्तर्देशीय 160.00 रुपये

विदेश में 18.64 पाँड अथवा 57.60 डालर

सर्वेक्षण

खण्ड XV, संख्या 3, जनवरी—मार्च, 1992

(अंक संख्या 50)

विषय-सूची

	पृष्ठ संख्या
1 निर्माण संबंधी अन्वेषणात्मक सर्वेक्षण पर टिप्पणी : स्कीम—रु	हि०-5
2 निर्माण पर अन्वेषणात्मक सर्वेक्षण टिप्पणी : स्कीम—ख	हि०-10
3 भवन निर्माण संबंधी एक टिप्पणी	हि०-16
4 आवास स्थिति के बारे में एक टिप्पणी	हि०-20

## निर्माण सम्बन्धी अन्वेषणात्मक सर्वेक्षण पर टिप्पणी : स्कीम --- क

रा०प्र०सर्वे० 35वां दौर (जुलाई 1980—जून 1981)

भाग एक : सर्वेक्षण का विवरण

### प्रस्तावना

1.1 निर्माण कार्यकलाप भिन्न पहलुओं से संबंधित आंकड़ों की अन्य संगठनों के साथ-साथ राष्ट्रीय भवन निर्माण संगठन एवं केन्द्रीय सांख्यिकीय संगठन को भी आवश्यकता होती है। जबकि रा. प्र. सर्वे. सं. प्रमुख रूप से आवासीय स्टाक के अतिरिक्त निर्माण सामग्री तथा श्रम संबंधी व्यय एवं भवन निर्माण के लिए वित्त के विभिन्न स्रोतों में रुचि रखता है, के. सां. सं. राष्ट्रीय आय एवं पूंजी निर्माण के लिए निर्माण उद्योग के अंशदान अनिश्चित करने के उद्देश्य से निर्माण संबंधी आंकड़ों में रुचि रखता है।

1.2 अभिकरण उपक्रम निर्माण द्वारा देश में किए गए कुल निर्माण कार्यकलाप के निम्नानुसार चार क्षेत्रों में विभाजित किया जा सकता है :— 1. (सरकार) केन्द्र, राज्य एवं स्थानीय निकाय; 2. (निर्गमित निकाय) (सरकारी क्षेत्र के उपक्रम सार्वजनिक एवं निजी संयुक्त स्टाक कम्पनियों); 3. अन्य गैर-पारिवारिक संगठन (सहकारी समितियाँ), धार्मिक एवं पूर्ण संस्थाएँ, आदि तथा अंत में 4. (परिवार) (इसमें स्वामित्व तथा भागीदारी उद्यम शामिल हैं)। राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन ने पारिवारिक क्षेत्र में किए गए निर्माण कार्यकलाप संबंधी आंकड़े एकत्र करने का समय-समय पर प्रयास किया है।

1.3 पारिवारिक क्षेत्र में, भवन निर्माण के सम्बन्ध में रा. प्र. सर्वे. द्वारा की गई जांचों की क्षेत्र एवं व्याप्ति भिन्न-भिन्न थी। कुछ दौरों (22 से 24, 27, 28) में सर्वेक्षण की तारीख से पूर्व एक वर्ष के दौरान पूरे किए गए नए भवनों की साधारण गिनती की गई। भवन निर्माण के लिए उपयोग में लाई गई निर्माण सामग्री, श्रम एवं अन्य सेवाओं पर व्यय सम्बन्धी सूचना को कुछ अन्य दौरों (15, 17, 26, 37) में पूंजी निर्माण को शामिल करने वाली जांचों में एकत्र किया गया था। वर्ष 1971—74 के दौरान भवन निर्माण पर निवेश एवं वित्त पोषण संबंधी एक व्यापक सर्वेक्षण रा. प्र. सर्वे. के सामान्य समाजार्थिक दौरों के ढांचा कार्य से बाहर शहरी क्षेत्र में पूरा किया गया था। रा. प्र. सर्वे. के 27 वें दौर में ग्रामीण क्षेत्र में भी इसी विषय व्याप्ति पर एक जांच पूरी की गई थी।

1.4 भवन निर्माण संबंधी सर्वेक्षण आयोजित करने में इस पिछले अनुभव के बावजूद अभिकल्प एवं रीतिविधान की कुछ समस्याएँ अभी भी अवशिष्ट हैं। इसलिए रा. प्र. सर्वे.

के पैंतीसवें दौर (जुलाई 1980—जून 1981) में निर्माण संबंधी एक ताजा अन्वेषणात्मक सर्वेक्षण आयोजित करने का निर्णय किया गया था। 35 वें दौर सर्वेक्षण में दो "स्कीमों" निहित हैं (स्कीम "क" के अन्तर्गत इस दौर की प्रमुख समाजार्थिक जांच के लिए चुने गए प्रतिदर्श गांवों एवं शहरी ब्लाकों में निर्माण संबंधी एक पूर्ण सर्वेक्षण आयोजित किया गया। निर्माण कार्यकलाप के विभिन्न पहलुओं से संबंधित अनुमान प्रदान करने के लिए यह अभीष्ट था। पिछली जांचों के विपरीत इस दौर में निर्माण कार्यों को उनके स्थान पर सूचीकृत किया गया था तथा निर्माण प्रतिदर्शों को समुचित संस्तरीकरण के पश्चात् विस्तृत जांच के लिए चुना गया था। (इससे पूर्व निर्माण कार्यकलाप में लगे हुए परिवारों को सूचीबद्ध किया गया तथा उनमें से प्रतिदर्शों को चुना गया; अर्थात् परिवार प्रतिदर्श इकाई था)। अन्य स्कीम, स्कीम 'ख' का अभिप्राय एक प्रतिचयन ढांचे के रूप में भवन निर्माण प्रतिदर्श के चयन हेतु नगरपालिका की संस्वीकृति सूची की उपयोगिता का अध्ययन करना था। यह शहरी क्षेत्र में नगरों के एक स्वतन्त्र-प्रतिदर्श में ही पूरी की गई। स्कीम 'ख' से संबंधित रिपोर्ट (रा. प्र. सर्वे. रिपोर्ट सं. 335) इस पत्रिका में अन्यत्र भी प्रकाशित की गई है। यह रिपोर्ट स्कीम "क" की जांच से प्राप्त परिणाम प्रस्तुत करती है।

1.5 यह रिपोर्ट (स्कीम क) ग्रामीण एवं शहरी क्षेत्रों के अतिरिक्त एक साथ समूहित किए गए बड़े शहरों के अखिल भारतीय स्तर पर परिणाम प्रस्तुत करती है। 1971 की जनगणना के अनुसार 10 लाख तथा उससे अधिक जनसंख्या वाले 8 बड़े शहरों पर विचार किया गया। ये शहर अहमदाबाद, बंगलूर, बम्बई, कलकत्ता, दिल्ली, हैदराबाद, कानपुर तथा मद्रास थे।

### व्यापक सर्वेक्षण अभिकल्प

1.6 रा. प्र. सर्वे. 35 वें दौर में सामाजिक उपभोग सर्वेक्षण तथा निर्माण संबंधी अन्वेषणात्मक सर्वेक्षण शामिल थे। परवर्ती की स्कीम "क" भाग को सामाजिक उपभोग सर्वेक्षण के साथ मिला दिया गया था जिसमें दोनों को एक ही प्रतिदर्श गांवों तथा शहरी खण्डों में पूरा किया गया था। तथापि ग्रामीण क्षेत्र में निर्माण संबंधी सर्वेक्षण को चूनिंदा प्रतिदर्श गांवों तथा उप प्रतिदर्श एक के गांवों, के केवल आधे भाग में ही पूरा किया गया था।



1.7 निर्माण सर्वेक्षण के लिए अंतिम प्रतिदर्श इकाइयां "निर्माण कार्य" थे, जिनमें भवन तथा गैर भवन निर्माण कार्य दोनों शामिल थे। सर्वेक्षण की व्याप्त समस्त "पक्के" एवं "अर्ध पक्के" भवन निर्माण (जिसमें नए भवन तथा परिवर्धन, परिवर्तन एवं सुधार (दोनों शामिल हैं) के अतिरिक्त ऐसे सभी गैर-निर्माण कार्यों तक सीमित था जिन् पर सूचीयन की तारीख से पूर्व 365 दिनों के दौरान निर्माण पर कुछ व्यय किया गया था इसमें सार्वजनिक क्षेत्र तथा निजी निगमित क्षेत्र में पूरे किए गए निर्माण कार्य शामिल नहीं किए गए थे। (तथापि समस्त निर्माण जिस पर व्यय पिछले वर्ष के दौरान (100 रुपए से कम था, का शामिल नहीं किया गया)। सामान्य रूप से रा. प्र. सर्वे. में प्रतिदर्श निर्माणों का दो वर्णों में चुना गया था। ग्रामीण क्षेत्र में गांव तथा शहरी क्षेत्र में ब्लाक प्रथम स्तर की प्रतिदर्श इकाइयां थीं। प्रत्येक प्रथम स्तर की प्रतिदर्श इकाइयों में सर्वेक्षण की व्याप्त में आने वाले उनके स्थान पर अभिनिर्धारित समस्त निर्माणों को सूचीबद्ध किया गया तथा उन्हें दो उप-स्तरों में विभाजित किया गया : उप-स्तर-1 में समस्त भवन निर्माण तथा उप-स्तर-2 में समस्त गैर-भवन निर्माण शामिल थे। 4 भवन निर्माण कार्यों का एक प्रतिदर्श उप-स्तर-1 में से चुना गया, जबकि उप-स्तर 2 की पूरी तरह से गणना की गई।

1.8 यहां इस बात का उल्लेख किया जा सकता है कि सही सूचना प्राप्त करने में क्षेत्रीय कर्मचारियों ने कई व्यावहारिक कठिनाइयां बताई थीं खासतौर से तब जबकि मालिक के अतिरिक्त ठेकेदार भी कार्य के निष्पादन में शामिल हों तथा उस समय भी जब मालिक एवं ठेकेदार प्रतिदर्श/गांव/शहर के निवासी नहीं हों।

### संकल्पनाएं एवं परिभाषाएं

1.12 सर्वेक्षण में प्रयोग की गई कुछ महत्वपूर्ण संकल्पनाएं एवं परिभाषाएं नीचे दी गई हैं :—

- (1) भवन : भवन स्वतन्त्र रूप से खड़ा हुआ एक ढांचा है जिसमें छत से ढके हुए एक अथवा एक से अधिक कमरे तथा/अथवा अन्य स्थान हों एवं आमतौर पर वाह्य दीवारों अथवा विभाजित करने वाली दीवारों से जो कि छत की नींव तक हों, घिरा हो।
- (2) नया निर्माण (भवन का) : नए निर्माण को, इस बात पर ध्यान दिए बिना कि जिस स्थान पर यह निर्माण हुआ है, उस पर पहले से ही कच्चा किया हुआ है अथवा नहीं, पूर्ण रूप से नए ढांचे के निर्माण के रूप में परिभाषित किया जाता है।
- (3) भवन में परिवर्तन, एवं सुधार : यह अतिरिक्त स्थान के लिए तथा/अथवा सुख सुविधाओं अथवा ढांचों की आयु में वृद्धि का प्रावधान

करके ढांचे की जायोगिता में वृद्धि के अभिप्राय से वर्तमान ढांचों का विस्तार तथा/अथवा सुधार है। किसी प्रकार की रीमाडलिंग अथवा पुनरुद्धार अथवा अधिक मरम्मत कार्य उसके अंतर्गत आया। प्रमुख मरम्मतों तथा दैनिक रख-रखाव को इसमें शामिल नहीं किया जाएगा।

- (4) भवन निर्माण : या तो "नया निर्माण" अथवा "परिवर्धन, परिवर्तन तथा सुधार" हो सकता है।
- (5) गैर-भवन निर्माण : भवन निर्माण के अतिरिक्त कोई भी अन्य निर्माण कार्य है। अन्य बातों के साथ साथ उस अभिव्यक्ति में कूएँ, ट्यूबवैल, सड़कें, सिंचाई परियोजनाएं, प्लेटफार्म, केवल डालना, सीवर, पुल, पुलिया आदि निहित हैं।
- (6) निर्माण का प्रकार : निर्माण के लिए प्रयोग में लाई गई सामग्री के आकार पर भवनों को "पक्के" के 'अर्ध पक्के' तथा 'कच्चे' के रूप में वर्गीकृत किया जाता है। पक्की संरचना वह है जिसकी दीवारें तथा छतें दोनों पक्की सामग्री से बनी हों। पक्की सामग्रियां भट्टों में पकी हुई ईंटें, स्टाव ब्लाक्स, सीमेंट, कंक्रीट, जैक बोर्ड, टाइलें, टिम्बर, उर्मिल लोहा (कोरुगेटेड आयरन) अथवा एक्सेस्टोस शीट (यदि इसका प्रयोग केवल छत के लिए किया है) आदि हैं। यदि दीवारें और छतें दोनों कच्ची सामग्री से बनी हैं तो मकान 'कच्चा' है। यदि दीवारें अथवा छत (परन्तु दोनों) पक्की सामग्री से बनी होती हैं तो वह 'अर्ध पक्का' है।
- (7) मालिक (एक निर्माण कार्य का) : वह क्षेत्र जिसमें निर्माण सम्बद्ध है, निर्माण के मालिक द्वारा निश्चित किया जाता है। मालिक एक व्यक्ति अभिकरण अथवा संयुक्त निकाय है जिसके खर्चों पर निर्माण के समय निर्माण कार्य पूरा किया जाता है। उदाहरणस्वरूप आवासीय सहकारी समिति जो फ्लैटों का निर्माण कर रही है जो बाद में सदस्यों को सौंप दिए जाएंगे के मामले में इस सर्वेक्षण के प्रयोजन हेतु निर्माण के समय मालिक सोसायटी होती है।
- (8) निर्माण का प्रारम्भ : निर्माण को आरम्भ हुआ तभी माना जाता है जबकि प्रथम भौतिक प्रचालन जैसे स्थल तैयार करना, स्थल पर सामग्री एवं उपकरण की सुपुर्दागी, रूप रेखा एवं नक्शा तैयार हो जाने के पश्चात् खुदाई शुरू करना अथवा नींव डालना। किसी मामले में यदि निर्माण की प्रक्रिया में कोई रुकावट आ जाती है तो प्रारम्भ का

आरम्भिक शुरुआत के रूप में उल्लेख किया जाएगा।

भाग-2

प्रमुख निष्कर्ष

(9) निर्माण की समाप्ति : कोई भवन निर्माण कार्य तभी पूरा माना जाता है यदि वह मालिक द्वारा प्रथम अधिग्रहण के लिए तैयार माना जाता है।

(10) पिछले वर्ष के दौरान निर्माण पर व्यय : यह सर्वेक्षण की तारीख से पूर्व 365 दिनों की सन्दर्भ अवधि के दौरान उपगत निर्माण लागत है जिसमें (1) प्रयोग की गई सामग्री (2) काम पर लगाए गए श्रमिकों को दिये मजदूरी तथा (3) उपयोग में लाई गई सेवाओं के लिए दिये प्रभार शामिल हैं। यह व्यय केवल उन मदों तथा राशियों से सम्बंधित होगा जो कि संदर्भ अवधि के दौरान वास्तव में निर्माण कार्य में प्रयोग की जाती है। निर्माण में प्रयोग न की जाने वाली सामग्रियों आदि पर व्यय की किसी भी मद को इसमें शामिल नहीं किया जाता।

सामग्रियों सम्भवतः नकद अथवा उधार खरीदी, घर से प्राप्त उपहार अथवा निशुल्क संग्रहण के रूप में प्राप्त हो सकती हैं। जो उपहार के रूप में प्राप्त हुई थीं उन्हें प्रचलित बाजार मूल्यों पर तथा वे जो घर से सप्लाई की गई थीं उन्हें "फार्मगत" अथवा "कारखाना गत" दरों पर मूल्यांकित किया गया था। निःशुल्क संग्रहण के लिए केवल परिवहन प्रभारों एवं अन्य आनुषंगिक प्रभारों की गणना की गई थी। (निर्माण में प्रयुक्त किसी भी सामग्री का मूल्यांकन इस प्रकार की मदों के प्रचलित बाजार मूल्य पर आधारित था, तथापि इस प्रकार के व्यय को कुल व्यय में शामिल नहीं किया गया)।

(11) वित्त पोषण का स्रोत : किसी निर्माण के लिए व्यवस्थित वित्त-पोषण के स्रोतों में (1) नियोक्ता से उधार लेना (2) अन्य स्रोतों से उधार लेना तथा (3) अन्य स्रोत निहित हैं। अन्त में उल्लिखित में बचत पेंशन तथा अन्य सेवा निवृत्ति के लाभ, वंशानुगत सम्पत्ति, आर्थिक सहायता एवं अनुदान, उपहार आदि शामिल हैं। उधार लेने के मामले में, सर्वेक्षण के अंतर्गत निर्माण कार्य के लिए प्रयोग लाए गए अथवा प्रयोग में लाने के अभिप्राय से ऋण की कुल राशि को इस बात का ध्यान रखे बिना कि क्या इसमें से सारी राशि प्रयोग में लाई जा चुकी है अथवा नहीं, सर्वेक्षण के अंतर्गत हिसाब में लिया गया। अन्य स्रोतों के मामले में (बचत, आदि) वास्तव में प्रयोग में लाई गई केवल रकम पर विचार किया गया। भूमि की खरीद हेतु वित्त पोषण को इस मद के अंतर्गत शामिल नहीं किया गया।

2.1 प्रतिवर्ष आकार : यह रिपोर्ट कुल 13009 प्रतिवर्ष निर्माण से प्राप्त विवरणियों पर आधारित है। निर्माण की श्रेणी के अनुसार कुल प्रतिवर्ष का वितरण सारणी 2.1 में दिया जाता है।

(अंग्रेजी रूपान्तर देखें)

2.2 श्रेणी के अनुसार निर्माण कार्यों की संख्या : निर्माण की संख्या के अनुमानों से लगभग इसी प्रकार की तस्वीर दृष्टिगोचर होती है। सारणी 2.2 श्रेणियों के अनुसार निर्माण कार्यों का प्रतिशतता वितरण प्रस्तुत करती है।

2.3 रा. प्र. सर्वे. में ऐसा पहली बार हुआ है कि कोई सर्वेक्षण गैर-भवन निर्माण कार्यकलाप के संबंध में पूरा किया गया हो। इसके क्षेत्र कार्य को, समस्त प्रकार के निर्माण कार्य-कलाप यथा सड़कें, पुल, खेल के मैदान, स्टेडियम, सिंचाई योजनाएं, फलोद्यान एवं बागान लगाना, औद्योगिक परियोजनाओं की स्थापना तथा इसी तरह के अन्य को शामिल करने के लिए परिभाषित किया गया था। तथापि, ग्रामीण क्षेत्र में पक्के कुएं, ट्यूबवैल, टर्कों तथा अन्य लघु सिंचाई सुविधाओं को छोड़कर इन अधिकांश श्रेणियों में बहुत थोड़े निर्माणों को सूचित किया गया था। यह संभवतः सार्वजनिक क्षेत्र में की जा रही बहुत सी निर्माण मदों जैसे सड़क इत्यादि के कारण हो सकता है अथवा औद्योगिक संयंत्रों का स्थापित करने जैसे कुछ प्रकार के निर्माण कार्यकलापों के कारण हो सकता है यद्यपि निजी गैर-निर्गमित क्षेत्र में शुरू किए गए निर्माण कार्यकलाप बहुत कम अथवा विरल हो सकते हैं, ताकि सामान्य प्रयोजन प्रतिवर्ष द्वारा, इस तथ्य के बावजूद कि प्रत्येक प्रतिचयन अभिकल्प के अनुसार सर्वेक्षण के लिए गांव/ब्लाक में सूचीबद्ध समस्त गैर भवन निर्माणों का चयन किया जाना था। इन श्रेणियों की प्रतिवर्ष इकाइयों की पर्याप्त संख्या की गणना नहीं की जा सके।

2.4 भवन निर्माण संबंधी कार्यकलाप का क्षेत्रवार वितरण निम्नलिखित सारणी 2.3 में के अनुसार दर्शाया जाता है।

2.5 सारणी यह दर्शाती है कि समस्त भवन निर्माणों का एक चौथाई भाग शहरी क्षेत्र में है। सर्वेक्षण में तथाकथित, कच्चे निर्माण को शामिल नहीं किया गया, यदि ग्रामीण क्षेत्र के भाग में इन्हें भी शामिल कर लिया जाता है तो इनमें वृद्धि होने की सम्भावना थी। दूसरी ओर, यह सारणी जो केवल निर्माण कार्यों की गणना पर आधारित है, निर्मित भवनों के आकार की गणना नहीं करती। "फर्श क्षेत्रफल" द्वारा नये भवन निर्माणों के वितरण पर एक नजर डालने पर (इस बात पर ध्यान दें कि इसे बहुमंजली इमारत) में समस्त मंजिलों के कुल फर्श क्षेत्रफल

के रूप में परिभाषित किया जाता है) इस पहलू पर कुछ प्रकाश पड़ेगा। सारणी 2.4 अंग्रेजी रूपान्तर देखें) ग्रामीण, समस्त शहरी तथा साथ-साथ शहरों के लिए भी वितरण प्रस्तुत करती है।

**2.6 भवनों के निर्माण का प्रयोजन :** भवन निर्माण के कार्यों का निर्माण के प्रयोजन के अनुसार वर्गीकृत किया गया है। इस सर्वेक्षण में शामिल किए गए भवनों में अधिकांशतः आवासीय प्रयोजन हेतु निर्मित भवन हैं। सारणी 2.5 (अंग्रेजी रूपान्तर देखें) ग्रामीण, शहरी एवं शहरों के प्रयोजनानुसार भवन निर्माण का वितरण प्रस्तुत करती है। बड़े शहरों में सामान्य सम्भावनाओं के विपरीत निर्माण का लघु समानुपात वाणिज्यिक प्रयोग के लिए तथा आवासीय एवं कृषि प्रयोग हेतु बड़ा अनुपात पाया गया है। बृहत्साल समस्त तीनों क्षेत्रों में समस्त भवन निर्माणों का लगभग 90 प्रतिशत भाग आवासीय प्रयोजन के लिए तैयार किया जाता है।

**2.8 ढांचे के प्रकार के अनुसार भवन निर्माणों का वितरण** सारणी 2.6 में प्रस्तुत किया जाता है। जैसी कि आशा की जा सकती है ग्रामीण क्षेत्र में अर्ध पक्के मकान अधिक हैं। फिर भी निर्माण की बहुत बड़ी संख्या "पक्के" की श्रेणी में आती है।

**2.9 भवनों पर निर्माण व्यय का वितरण :** सारणी 2.7 में प्रमुख शीर्षों के अनुसार ग्रामीण, शहरी एवं शहरों के लिए भवन निर्माण संबंधी व्यय का वितरण प्रस्तुत किया जाता है।

**2. वित्त पोषण का स्रोत :** निम्न सारणी, स्रोत के अनुसार भवन निर्माण के लिए प्राप्त किए गए वित्त का वितरण प्रस्तुत करती है।

**2.10 उपयुक्त सारणी से यह देखा जा सकता है कि उधार** लिए गये वित्त की भूमिका ग्रामीण क्षेत्र में अल्पतम है। ऐसा इन तथ्य के कारण हो पाया था क्योंकि ग्रामीण क्षेत्र में सरकारी अथवा प्रतिष्ठित निजी क्षेत्र की फर्मों के नियमित वृत्तनभागी कर्मचारियों की संख्या बहुत कम है। इस प्रकार सरकार द्वारा अपने कर्मचारियों को दिए गए ऋण से प्राप्त आवासीय वित्त समानुपात कुल मिला कर ग्रामीण क्षेत्र में 0.55 प्रतिशत, शहरी क्षेत्र में 7.57 प्रतिशत तथा लाबों की आवादी वाले शहरों में 24.72 प्रतिशत है। ऐसा ही भविष्य निधि से लिए जाने वाले ऋण में भी परिलक्षित होता है। सामान्यतः शहरी परिवार मकान बनाने के लिए ऋण लेने में अधिक अभिरुचि रखते हैं। संस्थानिक वित्त की भूमिका हर जगह नगण्य पाई जाती है। आकृति 2.2 एक पाई चार्ट के रूप में सारणी 2.8 में प्रतिबिम्ब प्रमुख आंकड़े प्रस्तुत करती है।

**2.11 परिणामों की विश्वसनीयता :** शहरी क्षेत्र के लिए शहरी क्षेत्रों (1972-74) में भवन निर्माण के लिए लागत एवं वित्त पोषण संबंधी सर्वेक्षण से कुछ तुलनात्मक परिणाम उपलब्ध होते हैं। हम यहां पर केवल दो प्रमुख मदों यथा/मद समूहों पर व्यय का समानुपात तथा प्रमुख स्रोत द्वारा वित्त के वितरण, की तुलना करेंगे।

**2.12 निम्नलिखित सारणी में भवन निर्माण के लिए प्रमुख मद समूहों पर जानुपातिक व्यय की तुलना की गई है।**

परिणामों में मोटे तौर पर सामंजस्य प्रतीत होता है जिसमें इस बात पर विचार करके कि दो सर्वेक्षणों के बीच 8-10 वर्षों का अन्तराल होता है: इसी प्रकार का एक सर्वेक्षण रा. प्र. सर्वे. के 27वें दौर में ग्रामीण क्षेत्र में पूरा किया गया था, परन्तु रा. प्र. सर्वे. 35वें दौर में कोई तुलना संभव प्रतीत नहीं होती क्योंकि 27वें दौर सर्वेक्षण में कच्चे भवन में भी शामिल थे तथा समस्त परिणाम सभी प्रकार के ढांचों को एक साथ सूचित करते हैं।

**2.13 कोई भी दो सर्वेक्षणों यथा रा. प्र. सर्वे. 35 वें दौर तथा 1972-74 के सर्वेक्षण के बीच शहरी क्षेत्र में भवन निर्माण के लिए वित्त पोषण के स्रोतवार वितरण की तुलना करना चाहेंगे। परन्तु परवर्ती सर्वेक्षण के प्रकाशित परिणाम केवल "उधार" तथा "बचत" के वितरण प्रस्तुत करते हैं। राष्ट्रीय भवन निर्माण संगठन द्वारा तैयार की गई रिपोर्ट से इन दोनों व्यापक शीर्षों के सर्पक्षक महत्व को जानना संभव नहीं है। अतः यह सारणी 2.10 स्रोतों द्वारा उधार ली गई निधियों के केवल प्रतिशतता वितरण की तुलना करती है। यहां दो वितरणों के बीच बहुत अधिक अन्तर परिलक्षित होता है। चूंकि इन स्रोतों की परिभाषाएं लगभग वहीं थी, इसलिए इस अन्तर को तत्काल स्पष्ट नहीं किया जा सकता है।**

### परिीष्ट-1

#### प्रतिदर्श अभिकल्प एवं आकलन पद्धति

**1.1 रा. प्र. सर्वे. 35 वें दौर में निर्माण संबंधी अन्वेष-णात्मक सर्वेक्षण की योजना "क" भाग के बारे में अपनाए गए प्रतिदर्श अभिकल्प तथा आकलन पद्धति की प्रमुख विशेषताएं निम्नलिखित पैराग्राफों में दी गई हैं।**

**1.2 भांगोंसक व्याप्ति :** सिक्किम, जम्मू व कश्मीर का लद्दाख जिला, सरगुजा एवं बीजापुर जिले की पाल तथा सामरी तहसीलों के ग्रामीण क्षेत्र, मध्य प्रदेश के बस्तर जिले की दन्तेवाड़ा कंटा तथा नारायण पुर तहसीलों, चांदपुर जिले की राजौरा, सिरौंचा तथा गांध चिरोले तहसीलों एवं महाराष्ट्र के अमरावती जिले की मोला घाट तहसील, नागालैण्ड के ग्रामीण क्षेत्र अण्डमान एवं निकोबार द्वीप समूह, लक्षद्वीप दादरा एवं नागर हवेली के अतिरिक्त भारतीय संघ का समस्त क्षेत्र सर्वेक्षण में शामिल किया गया है।

**1.3 व्यापक अभिकल्प :** प्रतिदर्श अभिकल्प का प्रत्येक संस्तर में द्विचरणीय चयन सहित संस्तरिकृत किया गया था। प्रमुख चरण की इकाइयां ग्रामीण क्षेत्रों में गांवों तथा शहरी क्षेत्रों में

शहरी ब्लाकों की 1971 की जनगणना थी। दूसरे चरण की इकाइयाँ निर्माण कार्य थे।

**1.4 संस्तरिकृत पद्धति :** प्रत्येक राज्य/संघ शासित क्षेत्र को कुछ कृषि आर्थिक क्षेत्रों में विभाजित किया जाता है। किसी राज्य/संघ शासित क्षेत्र में क्षेत्रों की संख्या एक से पांच तक भिन्न भिन्न है। इसी प्रकार एक जैसी रूपरेखा वाली कृषि भूमि के समीपस्थ जिलों को समूहीकृत करके इन क्षेत्रों का निर्माण किया जाता है। इस प्रकार समस्त भारत में निर्मित क्षेत्रों (इसमें रा. प्र. सर्वे. द्वारा शामिल किये गये क्षेत्र निहित नहीं हैं) की कुल संख्या 73 है। प्रतिचयन के लिए संस्तर, क्षेत्रों में से निर्मित किये गये थे। वर्ष 1971 में हुई जनगणना में ग्रामीण जनसंख्या के अनुसार 15 लाख से कम जनसंख्या वाला प्रत्येक जिला अपने आपमें एक आधारभूत संस्तर तैयार करता है, गुजरात जहां प्रस्तुत जनसंख्या से कम जनसंख्या वाले कुछ जिलों को दो अथवा दो से अधिक आधारभूत संस्तर में विभाजित किया गया है और अरुणाचल प्रदेश को छोड़कर फसल पैटर्न तथा ग्रामीण जनसंख्या की घनता के बारे में जहां तक सम्भव है समरूपी समीपस्थ तहसीलों को समूहीकृत करके 15 लाख से अधिक ग्रामीण जनसंख्या वाले जिलों को (प्रत्येक जिले की जनसंख्या पर निर्भर करते हुए) बहुत से आधारभूत संस्तरों में विभाजित किया गया है। इस प्रकार निर्मित आधारभूत संस्तर ग्रामीण एवं शहरी दोनों क्षेत्रों के लिए आधारभूत संस्तर है। इसमें कुछ पूर्णतः ग्रामीण एवं पूर्णतः आधारभूत संस्तर है। शहरी प्रतिदर्श के चयन के प्रयोजन से अन्तिम शहरी संस्तर का निर्माण करने के लिए थोड़ी शहरी जनसंख्या वाले कुछ आधारभूत संस्तरों को काफी बड़ी शहरी जनसंख्या वाले संस्तरों में मिला दिया गया है। अमतीर पर प्रत्येक शहरी संस्तर एक ही क्षेत्र में एक जिला अथवा जिलों का एक समूह है। उसके अतिरिक्त दस लाख अथवा इससे अधिक जनसंख्या वाला प्रत्येक शहर अपने आपमें एक अलग शहरी संस्तर तैयार करता है। ग्रामीण संस्तरों की कुल संख्या 540 तथा शहरी संस्तरों की 352 है।

**1.5 प्रथम चरण की इकाइयों का संस्तरों में आबंटन:** प्रत्येक राज्य एवं संघ शासित क्षेत्र में कुल प्रतिदर्श आकार (ग्रामीण/शहरी) को उनकी अलग-अलग 1971 की जनगणना (ग्रामीण/शहरी) की आबादी के अनुपात में संस्तरों में आबंटित किया था। आबंटनों को संस्तर के स्तर पर 4 का एक गुणांक तथा क्षेत्रीय स्तर पर 8 का एक गुणांक तैयार करने के लिए समायोजित किया गया था।

**1.6 गांवों का प्रतिचयन :** गांवों की 1971 की जनगणना सूची प्रतिचयन ढांचे के रूप में प्रयोग में लाई गई है। इस प्रकार के ग्रामीण आधारभूत संस्तरों में आबंटित किए गए गांवों का जनसंख्या के सम्भाव्यता अनुपात में तथा प्रतिस्थापन सहित चयन किया गया है तथा उसे दो स्वतंत्र उप प्रतिदर्शों के रूप में प्रस्तुत किया गया है। अरुणाचल प्रदेश के उत्तर पूर्वी राज्य में गांवों का समूहीकृत प्रतिचयन अपनाया गया है। ग्रामीण संस्तर में,

केन्द्रक गांवों का समान सम्भाव्यता सहित चयन किया गया है तथा उनके आस-पास समूह तैयार किये गये हैं। मिजोरम में समान सम्भाव्यता वाले तथा इस क्षेत्र के अन्य राज्यों में जनसंख्या के सम्भाव्यता अनुपात से अलग अलग गांवों का चयन किया गया है। ऐसी स्थिति में, जब प्रतिदर्शित जनगणना गांव का अभिनिर्धारण नहीं किया जा सकता तब परिस्थिति के अनुसार निम्नलिखित पद्धतियों में से एक पद्धति अपनाई जाती है (क) जनगणना गांव में पूर्णरूप से अथवा आंशिक रूप से निहित समस्त राजस्व गांवों का एक इकाई के रूप में सर्वेक्षण किया जाता है, अथवा (ख) राजस्व गांव जिसमें चुना हुआ गांव निहित होता है तथा सम्भवतः अन्य जनगणना किए गांव का पूर्ण रूप से सर्वेक्षण किया जाता है।

**1.7 खण्डों का प्रतिचयन :** शहरी ढांचा सर्वेक्षण 1977 स्कीम के शहरी ढांचा सर्वेक्षण ब्लाक जब कभी उपलब्ध हों तथा शेष नगरों के लिए 1972-77 की अवधि के शहरी ढांचा सर्वेक्षण ब्लाकों के चयन हेतु प्रतिचयन ढांचे तैयार किए गए। प्रत्येक शहरी संस्तर में प्रतिदर्श खण्डों का दो स्वतंत्र उप प्रतिदर्शों के रूप में वर्तुल क्रमवद्ध रूप से चयन किया गया।

**1.8 खंडा समूह एवं उप खण्ड चयन :** यदि किसी प्रतिदर्श गांव अथवा खण्ड की वर्तमान जनसंख्या 1200 या उससे अधिक है तो उसे समान बराबरी वाले मदों या दो से अधिक उप डिवीजनों (जनसंख्या के मामले में) (गांवों के मामले में खंडा समूह तथा ब्लाकों के मामले में उप ब्लाक) में विभाजित किया जाता है, उप डिवीजनों की संख्या अन्वेषकों के दौरे के समय गांव या ब्लाक की जनसंख्या पर निर्भर करती है।

**1.9 निर्माणों का प्रतिचयन :** निर्मित क्षेत्र तथा सार्वजनिक क्षेत्र द्वारा किये गए निर्माण, भवन तथा वे भी जिन पर पिछले 365 दिन के दौरान सौ रुपये से कम व्यय किया गया है, को सर्वेक्षण की व्याप्ति से बाहर रखा जाता है। शेष निर्माणों को भवन तथा गैर भवन, दो उप-संस्तरों में विभाजित किया जाता है। चार भवन निर्माण का एक प्रतिदर्श उप-संस्तर में से वर्तुल क्रमवद्ध रूप से चुना गया। उप संस्तर-2 में समस्त गैर भवन निर्माणों को सर्वेक्षण के लिए चुना जाता है।

**1.10 प्रतिदर्श आकार :** केन्द्रीय प्रतिदर्श में 8008 गांव तथा 4500 ब्लाक निहित थे। स्कीम 'क' भाग ग्रामीण क्षेत्र (4004 गांवों) में केवल उप प्रतिदर्श 1 में पूरा किया गया। शहरी क्षेत्र में यह समस्त प्रतिदर्श ब्लाकों में किया गया था। जैसा कि पिछले पैराग्राफों में स्पष्ट किया गया है कि प्रत्येक प्रतिदर्श गांव/ब्लाक में सूचीबद्ध 4 प्रतिदर्श भवन निर्माणों तथा समस्त गैर-भवन निर्माणों को विस्तृत जांच के लिए चुना गया था। (सारणी 1.1 अंग्रेजी रूपान्तर देखें) भारत के राज्यों तथा संघ शासित क्षेत्र में प्रतिदर्श गांवों (केवल उप प्रतिदर्श-1) तथा प्रतिदर्श ब्लाकों का वितरण प्रस्तुत करती है।

## निर्माण पर अन्वेषणात्मक सर्वेक्षण सम्बन्धी टिप्पणी : स्कीम --- ख

रा० प्र० सर्वे० 35वाँ दौर जुलाई 1980 से जून 1981)

भाग एक :

सर्वेक्षण का विवरण

### प्रस्तावना

1.1 राष्ट्रीय प्रतिदर्श सर्वेक्षण का 35वाँ दौर (रा. प्र. सर्वे.) (जुलाई 1980 से जून 1981) सामाजिक उपभोग और निर्माण पर अन्वेषणात्मक सर्वेक्षण के बारे में था। परवर्ती में दो भाग समाहित हैं : स्कीम क और स्कीम ख। स्कीम-क ग्रामीण क्षेत्र में उप प्रतिदर्श-1 के प्रतिदर्श गांवों में शहरी क्षेत्र में सभी प्रतिदर्श ब्लॉकों में पूरी की गई थी। अनुसूची 1.4 : निर्माण के व्यौरे प्रतिदर्श गांवों और खण्डों में (स्थल पर पहुंच कर)। उनके स्थल पर अभिनिर्धारित निर्माण सूची से चुने गए प्रतिदर्श निर्माण में भरे गए थे। तथापि स्कीम ख सर्वेक्षण नगर पालिका की संस्वीकृति सूची (अर्थात् भवन निर्माण के लिए संस्वीकृति) का प्रयोग करने की व्यवहार्यता के प्रयोजनों की जांच करने के उद्देश्य से निर्माण सर्वेक्षण के लिए प्रतिचयन ढांचे के रूप में शहर के एक स्वतंत्र प्रतिदर्श में पूरा किया गया था। यह रिपोर्ट, केवल केन्द्र प्रतिदर्श से संबंधित स्कीम "ख" के सर्वेक्षण परिणामों पर आधारित है।

1.2 स्कीम "ख" सर्वेक्षण का एक विवरण इस अध्याय के निम्नलिखित पैराग्राफों में दिया जाता है। सर्वेक्षण से प्राप्त महत्वपूर्ण परिणामों का भाग-2 में विश्लेषण किया जाता है। यह विश्लेषण मुख्यतया अखिल भारतीय स्तर की सारणियों पर आधारित होगा। मुख्य निष्कर्ष एवं सिफारिशों भाग तीन में प्रस्तुत की जाती हैं।

### ऐतिहासिक पृष्ठ भूमि

1.3 आवास एवं भवन निर्माण से संबंधित विश्वसनीय सांख्यिकी की आवश्यकता काफी समय से महसूस की जा रही है। इन आंकड़ों के प्रमुख प्रयोक्ता : राष्ट्रीय भवन निर्माण संगठन, योजना आयोग और केन्द्रीय सांख्यिकी संगठन हैं। मुख्य मद्दे जिन पर सांख्यिकीय जानकारी सामान्यतः अपेक्षित होता है, निम्नानुसार हैं :—

- (1) संदर्भ वर्ष के दौरान कमरों और फर्श क्षेत्र को भ्रमा कर शहरी और ग्रामीण क्षेत्रों में नए निर्माण की दर।
- (2) भवन निर्माण सामग्री का मूल्य सूचकांक।
- (3) भवन निर्माण में निवेश और उनका वित्त पोषण (इसमें भवन निर्माण सामग्री, निर्माण सेवाओं और श्रम पर व्यय सम्मिलित हैं)।
- (4) निर्माण उद्योग में रोजगार।
- (5) भवन-निर्माण श्रमिकों की मजदूरी।

अपेक्षित जानकारी नियमित रूप से प्राप्त करने के लिए एक सांख्यिकीय प्रणाली कैसे बनाई जाए और उसका विकास कैसे किया जाए कई विशेषज्ञ दलों ने इस प्रश्न की जांच की है केन्द्र और राज्य सांख्यिकीय संगठनों के सम्मेलन (1981 कार्य सूची मद सं. 5 में चर्चा का यह विषय रहा)।

1.4 निर्माण कार्य विभिन्न अभिकरणों द्वारा हाथ में लिया जाता है : सरकारी और सार्वजनिक क्षेत्र उपक्रम निजी नियमित क्षेत्र सहकारी और पारिवारिक। राष्ट्रीय प्रतिदर्श सर्वेक्षण की भूमिका सामान्यतया पारिवारिक क्षेत्र तक सीमित है। राष्ट्रीय भवन-निर्माण संगठन के अनुरोध पर राष्ट्रीय प्रतिदर्श सर्वेक्षण ने पिछले कई दौरों में भवन-निर्माण से संबंधित आंकड़े एकत्र किए हैं। इन आंचों की एक सूची नीचे दी जाती है।

### राष्ट्रीय प्रतिदर्श सर्वेक्षण दौर संग्रहीत आंकड़ों का प्रकार

- | राष्ट्रीय प्रतिदर्श सर्वेक्षण दौर   | संग्रहीत आंकड़ों का प्रकार   |
|---|--|
| 1. 22 से 24, 27 और 28   | सर्वेक्षण की तारीख से पूर्ववर्ती एक वर्ष के दौरान पूरे किये गये नए भवनों की गणना सूचीयन (अनुसूची में)।   |
| 2. 15 (ग्रामीण) और 17 (शहरी)  | चालू भवन निर्माण कार्य कलाप, भवन-निर्माण सामग्री नियोजित किए गए श्रमिक तथा उपयोग की गई सेवा (पूजा निर्माण संबंधी आंकड़ा संग्रहण के एक भाग के रूप में) पर व्यय। |
| 3. शहरी क्षेत्रों में भवन निर्माण में निवेश और उनके वित्त पोषण संबंधी सर्वेक्षण (1971-74) | भवन निर्माण-सामग्री, श्रमिक और सेवाओं संबंधी व्यय तथा वित्त पोषण के स्रोत।   |
| 4. 27 (ग्रामीण)।  |  |

1.5 इन आंचों के अनुभव से यह दर्शाया है कि भवन-निर्माण कार्यकलापों को नगरों और शहरों में समान रूप से वितरित नहीं किया गया है। इसके विपरीत, नगरों के कई क्षेत्रों में प्रायः यह संकेन्द्रित रहता है। ऐसे मामले में सामान्य ढांचे से चुना गया एक प्रतिदर्श ब्लॉकों का शहरी क्षेत्र में रा. प्र. सर्वे. की प्रथम स्तर प्रतिचयन इकाई (सांख्यिकीयों तौर पर प्रभावी

नहीं हो सकता तथा द्वितीय स्तर के चयन पर पर्याप्त प्रति-दर्श निर्माण उपलब्ध कराने में असफल रहेगा। उपरोक्त क्रम संख्या 3 पर उल्लिखित सर्वेक्षण में यहाँ पर उल्लेख किया जा सकता है कि भवन निर्माण के लिए नगर पालिका की मंजूरी संबंधी बाबत चार आंकड़ों की सहायता से भवन निर्माण कार्य-कलाप की गहनता से ब्लकों का स्तरीकरण करके इस समस्या पर काबू पाने की मांग की गई थी।

1.6 यदि दी गई संदर्भाविधि के दौरान निर्मित भवनों की एक सूची के रूप में एक बांचा मौजूद हो (या सर्वेक्षण के प्रयोजन के अनुसार इस मामले के लिए कोई अन्य उपयुक्त कसौटी को पूरा करना हो) तो प्रथम स्तर पर एक क्षेत्र इकाई के मध्य-वर्ती चयन का एक साथ ही परिहार किया जा सकता है। यह महसूस किया गया था कि नगर पालिका निकायों द्वारा भवन निर्माण के लिए जारी की गई संस्वीकृति सूची से ही इस प्रयोजन को सिद्ध किया जा सकता है।

1.7 76 नगरों में सभी जनसंख्या आकार वर्ग में, रा. प्र. सर्वे 34वाँ दौर (1979-80) में एक प्राथमिक अध्ययन किया गया था तथा नगर पालिका संस्वीकृति सूचियों की उपलब्धता, उनकी सुलभता तथा उनमें उपलब्ध जानकारी का स्वरूप एक प्रभावी प्रतिदर्श के चयन के लिए जिसे प्रयुक्त किया जा सकता था के अध्ययन के लिए, उसे देश के भिन्न-भिन्न भागों में बांटा गया। यह दर्शाता है कि 20,000 और इससे अधिक जनसंख्या वाले सभी नगरों तथा 80 प्रतिदर्श से अधिक छोटे नगरों में भी संस्वीकृति सूचियाँ उपलब्ध थी। जबकि जानकारी की कुछ मदें उपलब्ध थी जैसे स्थल का पता, निर्माण आदि का प्रयोजन अन्य जैसे निर्माण के अभिकरण निर्माण को पूरा करना आदि हमेशा उपलब्ध नहीं थे। कुछ नगरों में परिवर्धन, परिवर्तन और सुधार हालांकि जिसमें निर्माण कार्यकलाप का एक अनिवार्य भाग बनता है, के लिए किसी मंजूरी की आवश्यकता नहीं होती।

1.8 इसके अतिरिक्त भवन निर्माण के चयन के लिए प्रति-चयन बांचे के रूप में नगर पालिका की संस्वीकृति सूचियों के प्रयोग की व्यावहारिकता की जांच करने का पता लगाने के लिए रा. प्र. सर्वे. 35वाँ दौर में निर्माण संबंधी जांच के एक भाग के रूप में एक प्रयोगिक सर्वेक्षण को सम्मिलित किया गया। दो स्कीम क और स्कीम ख के अनुसार 35वाँ दौर का निर्माण सर्वेक्षण पूरा किया गया था। स्कीम क, किसी अन्य रा. प्र. सर्वे. समा-जायिक जांच दौर के गांवों और ब्लकों के सामान्य प्रतिदर्श में अनुसूची 1.4 में की गई थी। निर्माण के प्रतिदर्श में भरे गए निर्माण सम्बन्धी व्यौरों सूचीयन अनुसूची में तैयार की गई एक सूची से यादृच्छिक तौर पर चुने गए थे। यह निर्माण के पहलुओं (सामग्री, श्रम और उपभोग की गई सेवाएँ, रकम और वित्त पोषण के स्रोत आदि को मिलाकर) से संबंधित अनुमान तैयार करने के उद्देश्य से किया गया। दूसरी ओर स्कीम ख, निर्माण सर्वेक्षण के लिए भवन निर्माण के सूची बांचे

के रूप में प्रयोग करने के लिए नगर पालिका मंजूरी सूचियों की उपयोगिता के अत्यधिक महत्वपूर्ण अध्ययन के उद्देश्य से नगर के एक स्वतन्त्र प्रतिदर्श में, पूरी की गई थी। जनसंख्या पैरामीटर का आकलन स्कीम-ख का मुख्य उद्देश्य नहीं था ऐसे अनुमान तैयार करने के प्रयोजन से जांच और सर्वेक्षण अभिकल्प तैयार नहीं किए गए थे।

**स्कीम-ख के सर्वेक्षण अभिकल्प**

1.9 क्षेत्र और व्याप्ति : स्कीम ख सर्वेक्षण, सिक्किम, जम्मू और कश्मीर का लद्दाख जिला, अंडमान और निकोबार द्वीप समूह, दादरा और नागर हवेली तथा लक्षद्वीप को छोड़कर, भारत के सभी राज्यों और संघ क्षेत्रों के शहरी क्षेत्रों में पूरा किया गया था। (त्रिपुरा और अरुणाचल प्रदेश इस सर्वेक्षण में सम्मिलित किए गए थे, किन्तु वहाँ से कोई विवरणी प्राप्त न होने के कारण इस रिपोर्ट में उनसे संबंधित कोई परिणाम सम्मिलित नहीं किये गये हैं, सर्वेक्षण का क्षेत्र निर्गमित क्षेत्र को छोड़कर परिवारों निजी गैर-पारिवारिक संगठन द्वारा हाथ में लिये गये भवन (वर्तमान निर्माण तक सीमित है) संदर्भ में व्यक्तिगत, संयुक्त परिवार और स्वामित्व और साझेदारी की फर्मों इसमें सम्मिलित हैं। सार्वजनिक क्षेत्र और निजी निगमित क्षेत्र में निर्माण इस सर्वेक्षण की व्याप्ति से बाहर था।

1.10 प्रतिदर्श अभिकल्प को दो स्तर में स्तरीकृत किया गया था जिसमें नगर प्रथम स्तर इकाई के रूप में थे तथा भवन निर्माण के लिए प्रत्येक नगर पालिका संस्वीकृति द्वितीय स्तर इकाई के रूप में थी।

1.11 नगरों का स्तरीकरण और आबंटन : प्रत्येक राज्य/संघ में नगरों को उनकी 1971 की जनगणना के अनुसार चार स्तरों में निम्नानुसार विभाजित किया गया था :—

स्तर संख्या	नगर की 1971 की जनगणना आकार वर्ग
1.	(1 लाख और इससे अधिक जन संख्या)
2.	(50,000 से 99,999 तक जन संख्या)
3.	(20,000 से 49,999 तक जन संख्या)
4.	(20,000 से कम जन संख्या)।

“केन्द्र-प्रतिदर्श” में स्तर-1 के सभी नगर, स्तर-2 से 50 प्रतिशत नगर, स्तर-3 से 25 प्रतिशत नगर और स्तर-4 से 10 प्रतिशत नगर चुने गए थे। आबंटन का यही सिद्धान्त भाग लेने वाले राज्यों के “राज्य प्रतिदर्श” में अपनाया गया था।

1.12 प्रतिदर्श नगरों का चयन : संस्तर-1 के सभी नगर, केन्द्र और राज्य दोनों प्रतिदर्श में सम्मिलित किए गए थे। संस्तर 2 से 4, तक जनसंख्या को घटते क्रम में व्यवस्थित करने के पश्चात् प्रतिदर्श नगरों को समान संभाव्यता से बतुल क्रमबद्ध रूप

में चुना गया था। चयन करते समय, यह सुनिश्चित किया गया था कि केन्द्र और राज्य प्रतिदर्श एक ही नगर में निहित न हों। केन्द्र प्रतिदर्श में 621 नगर चुने गए थे, श्रेणी-1 के 141 नगर दोनों के भाग हैं।

1.13 स्तरीकरण और संस्वीकृतियों का चयन संस्वीकृति सूची में कार्य प्रारम्भ करने एवं पूर्ण करने की तारीखों के अभाव में ठीक से यह जानना कठिन था कि क्या किसी भवन से संबंधित विशेष संस्वीकृति आदेश पर सर्वेक्षण की तारीख से एक वर्ष की सामान्य अवधि के दौरान निर्माण पर कुछ व्यय किया गया था। अतः समुचित अंतराल वाले चार अलग-अलग महीनों को सप्रयोजन चुनने के निर्णय किया गया और इन महीनों में इस आशा से अलग से जारी की गई सभी संस्वीकृतियों की सूची बनाने के लिए चुनने का कि इन चार महीनों की प्रतिदर्श संस्वीकृतियों से संग्रहीत आंकड़ों का विश्लेषण इस बात पर कुछ प्रकाश डालेगा कि प्रति चयन ढांचे में बाहरी इकाइयों को किस सीमा तक शामिल किया जा सकता है क्योंकि कभी-कभी व्याप्ति को पीछे ले जाया जाता है। सूचीयन की तारीख से पूर्व 6वें, 12वें, 28वें और 44वें महीनों को इस प्रयोजन के लिए चुना गया था। राज्य प्रतिदर्श में संस्तर-1 के नगरों में सूचीयन से पूर्व के महीने थे 12वां, 20वां, 36वां, और 52वां ऐसा इसलिए किया गया क्योंकि संस्तर-1 के नगर केन्द्र और राज्य प्रतिदर्श समान हैं।

1.14 इन महीनों में से प्रत्येक महीने में जारी संस्वीकृति में से जांच की व्याप्ति से बाहर होने के कारण सरकारी और सार्वजनिक क्षेत्र निकायों और निजी निर्गमित क्षेत्र क्षेत्र जारी की गई मंजूरी, यदि कोई है तो उसे निकाल दिया गया। शेष को दो उप-स्तरों में विभाजित किया गया था उप-संस्तर-1 सहकारी आवास को छोड़कर पारिवारिक और निजी गैर-पारिवारिक संगठनों को जारी मंजूरीयों सम्मिलित है तथा उप-संस्तर-2 में वे संस्वीकृतियां शामिल हैं जो केवल सहाकारी आवासों को जारी की गई हैं।

1.15 प्रत्येक महीने उप-संस्तर-1 में वे संस्वीकृतियों की संख्या निम्नानुसार है :—

प्रतिदर्श नगर का जनसंख्या वर्ग	प्रत्येक 5 महीने के लिए आबंटित प्रतिदर्श आकार
(1)	(2)
10 लाख और इससे अधिक वर्ग	25
अन्य वर्ग-I और वर्ग-II	13
III से IV वर्ग	10

उप-संस्तर-2 की सभी संस्वीकृतियों सर्वेक्षण के लिए चुनी गईं जब तक कि कुल सूचीयन संस्वीकृतियों 5 से अधिक नहीं हों

गईं जिसमें से केवल पांच सर्वेक्षण के लिए चुनी गईं थीं। संस्वीकृतियों के सभी चयन समान संभाव्यता से वर्तुल क्रमबद्ध पद्धति से किए गए थे।

1.16 संस्वीकृति के सूचीयन और चयन का कार्य अनुसूची 0.2 (ग) में पूरा किया गया था। संस्वीकृति की सूची। अनुसूची 1.4, 'भवन निर्माण' के अन्तर्गत, चुनी हुई मंजूरीयों में भरे गए थे। केन्द्र प्रतिदर्श में चुनी गई प्रतिदर्श संस्वीकृतियों की संख्या 18291 थी सर्वेक्षित प्रतिदर्श नगरों तथा चुनी गई संस्वीकृतियों के राज्य-वार आबंटन इस रिपोर्ट के अंत में अनुबंध में दिए गए हैं (अंग्रेजी रूपान्तर देखें)।

1.20 आंकड़ों का विधायन रा. प्र. सर्व. सं. के समक विधायन केन्द्र में हाथ से किया गया था। चूंकि बहुत से राज्यों के राज्य प्रतिदर्श आंकड़ों पर आधारित परिणाम तैयार नहीं हुए हैं, इसलिए इस रिपोर्ट में केवल केन्द्र प्रतिदर्श में संग्रहीत आंकड़ों सम्मिलित हैं।

## भाग-2

### सर्वेक्षण के परिणाम

#### प्रस्तावना

2.1 इस प्रायोगिक सर्वेक्षण से प्राप्त महत्वपूर्ण परिणाम रीति-विधान के लिए उनके निहितार्थ संबंधी एक चर्चा सहित अध्याय में प्रस्तुत किए जाते हैं। जैसाकि पहले निर्दिष्ट किया गया है, इस भाग में दिए गए आंकड़ों केवल केन्द्र प्रतिदर्श से प्राप्त आंकड़ों से संबंधित हैं। इसके अतिरिक्त यहां दी गई चर्चा सभी राज्यों के समूहित परिणामों पर आधारित है।

2.2 सर्वेक्षण के लिए अपनाई गई महत्वपूर्ण संकल्पनाएं और परिभाषाएं नीचे दी गई हैं।

#### सूचोबद्ध और चयनित संस्वीकृतियों की विशेषताएं

2.4.1 सारणी (1) (अंग्रेजी रूपान्तर देखें) नगर के आकार एवं सूचीयन की तारीख से पूर्व के महीने के अनुसार प्रतिदर्श नगरों तथा प्रतिमाह जारी की गई संस्वीकृतियों की संख्या का वितरण दर्शाती है।

2.4.2 सारणी (2) (अंग्रेजी रूपान्तर देखें) दर्शाती है कि परिवारों को बहुत अधिक संस्वीकृतियां जारी की जाती हैं। राज्य-वार आंकड़े (इस रिपोर्ट में सम्मिलित नहीं हैं) दर्शाते हैं कि भवन निर्माण में भवन-निर्माण आन्दोलन इस सर्वेक्षण के समय केवल गुजरात और महाराष्ट्र में तथा कुछ सीमा तक तमिलनाडु और पश्चिम बंगाल में जड़ पकड़ने लगा था, तथा इन राज्यों में सहाकारी आन्दोलन अधिकतर श्रेणी-1 के नगरों और शहरों तक ही सीमित रहता है।

2.4.4 सारणी (4) (देखें अंग्रेजी रूपान्तर) चुनी हुई प्रतिदर्श संस्वीकृतियों तथा सर्वेक्षण का आबंटन प्रस्तुत करती है।

कुल चुनी हुई 18281 प्रतिदर्श संस्वीकृतियों में से मात्र 16818 का ही सर्वेक्षण किया जा सका। आहत दर (लगभग) 8 प्रतिशत) रा. प्र. सर्वेक्षण समर्थक सर्वेक्षण में सामान्यतया पाई गईं से उच्चतर है।

#### निर्माण के स्तर के अनुसार संस्वीकृतियों का आढंन

2.5.1 सर्वेक्षण की तारीख पर पूर्ण हुए कार्य के समानुपात संबंधी जानकारी (ब्लॉक 5, मद 9) तथा सर्वेक्षण की तारीख से एक वर्ष के दौरान पूरे किए गए कार्य अनुसूची 1.4 के ब्लॉक 3 में संग्रहीत की गई है। इसका प्रयोग करते हुए प्रतिदर्श संस्वीकृतियों को समाप्त हुए कार्य के समानुपात से वर्गीकृत किया जा सकता है। यह सूचीयन से एक माह पूर्व की गई सारणी-बद्ध किया जाता है, यह सर्वेक्षण के प्रमुख प्रयोजन से संबंधित संबंध बहुत महत्वपूर्ण सूचना प्रदान करेगी अर्थात् प्रतिचयन ढांचे के रूप में संस्वीकृत सूचियों का परीक्षण और उपयोगिता।

2.5.2 सारणी 5 (अंग्रेजी रूपान्तर देखें) प्रत्येक जनसंख्या आकार वर्ग के नगरों के कार्य के स्तर के अनुसार तथा सूचीयन से एक माह पूर्व प्रतिदर्श संस्वीकृतियों का वितरण प्रस्तुत करती है।

2.5.3 इस संबंध में अत्यधिक महत्वपूर्ण कसौटी यह है कि इकाइयों की एक सूची को इस तरह से पूरा किया जाना चाहिए जिससे कि यह प्रतिचयन ढांचे के रूप में प्रयुक्त की जा सके, इसमें लक्षित जनसंख्या वाली सभी इकाइयों को सम्मिलित किया जाना चाहिए तथा सिद्धान्तः इसमें कोई अन्य इकाई निहित नहीं होनी चाहिए अर्थात् अन्य बाहरी घटक किसी भवन निर्माण सर्वेक्षण में लक्षित जनसंख्या में समानकर्ता ऐसे सभी निर्माणों को शामिल किया जाता है जिन पर सर्वेक्षण की तारीख से एक वर्ष पूर्व की संदर्भ अवधि के दौरान कुछ व्यय किया गया हो। वैकील्पिक तौर पर, कभी-कभी इसे संदर्भवधि के दौरान पूरे किए गए भवन निर्माण के बतौर परिभाषित किया जा सकता है। प्रथम परिभाषा के अनुसार, कालम (3) और (7) में सम्मिलित संस्वीकृतियां बाहरी इकाइयां हैं।

2.5.4 बाहरी यूनिट का समानुपात, सूचीयन से पूर्व, पूर्ववर्ती 28वें और 44वें मासों में अधिक देखा जाता है। तथापि इस सर्वेक्षण के अनुभव को ध्यान में रखते हुए कोई सीमा निर्धारित करना कठिन होगा। फिर भी, सूचीयन से पूर्व 44 महीनों के दौरान जारी की गई संस्वीकृतियों में से, केवल लगभग 60 प्रतिशत न ही संदर्भवधि के पूर्व शत प्रतिशत कार्य पूर्ण होने की सूचना दी है। यह सुनिश्चित करने के उद्देश्य से कि लक्षित जनसंख्या के सभी यूनिटों को ढांचे में सम्मिलित किया जाता है। सूचीयन से पूर्व 44वें महीने के बाद संस्वीकृतियों का सूचीयन समुचित प्रकार से किया जाना चाहिए। स्पष्टतः इससे बाहरी इकाइयों की संख्या काफी घट जाएगी तथा इस प्रकार इससे प्रतिदर्श की क्षमता पर गंभीर प्रभाव पड़ेगा।

2.5.5 कुछ नगरों में मंजूरी आदेश की वैधता के लिए समय-सीमा रखी गई है अर्थात् दो वर्ष जिसकी समाप्ति पर

इसका नवीकरण करना होता है। अनुमानत देश के सभी नगरों और शहरों के मामले में इसका कड़ाई से पालन किया जाता है तथा चालूवधि संस्वीकृति आदेश के बिना कोई निर्माण कार्य-कलाप नहीं होता संदर्भवधि के दौरान किसी भी समय वैध सभी संस्वीकृतियों की एक सूची में बहुत सी अनुपयुक्त बाहरी इकाइयों को शामिल किए बिना लक्षित जनसंख्या वाली इकाइयों को शामिल किया जाना चाहिए। इस बात पर विश्वास करना कठिन है कि भारत संघ के सभी राज्यों तथा संघ क्षेत्रों में ऐसी खुशनुमा स्थिति होगी। आधिकारिक स्रोतों से स्थिति के तथ्यों को सुनिश्चित किया जा सकता है।

2.6.1 सारणी (1) (अंग्रेजी रूपान्तर देखें) यह दर्शाती है कि यद्यपि कार्य आरम्भ करने की सूचना देने वाले मामलों से लगभग 80 प्रतिशत में (सभी सर्वेक्षित प्रतिदर्शों में 67 प्रतिशत) संस्वीकृति जारी करने के छः महीने के भीतर कार्य प्रारम्भ हो जाता है तथापि मामलों के विशिष्ट समानुपात में कार्य का प्रारम्भ विलंब से होता है और संभवतः किंचित शुरू नहीं किया गया है।

2.7 उपर्युक्त निष्कर्ष स्पष्टतया दर्शाते हैं कि (क) यह सुनिश्चित करने के लिए कि सूची ढांचों में वे सभी निर्माण शामिल हैं जिन पर सर्वेक्षण की तारीख से एक वर्ष की संदर्भवधि के दौरान कुछ व्यय किया गया हो कम से कम पिछले चार वर्षों और उससे अधिक वर्षों के दौरान जारी की गयी मूल संस्वीकृतियों को सूचीबद्ध करना पड़ेगा तथा (ख) यदि ऐसा किया जाता है तो सूची में लगभग 20 प्रतिशत से 50 प्रतिशत बाहरी इकाइयां होंगी। यदि संदर्भवधि के दौरान 'पूरे किए' निर्माण को लक्षित जनसंख्या के बतौर परिभाषित किया जाता है तो स्थिति बदतर हो जाएगी।

2.8 प्रतिचयन ढांचे के रूप में नगर पालिका की मंजूरी को उपयुक्तता के प्रश्न के संबंध में 'किए गए सर्वेक्षण के निष्कर्षों की अब तक जांच की जा चुकी है। अब सर्वेक्षण से प्राप्त भवन निर्माण संबंधी व्यय, वित्त पोषण के साधन आदि में संबंधित कुछ अनुमान की जांच की जा सकती है। इस रिपोर्ट में राज्य वार विस्तृत सारणियां नहीं दी जाती हैं। उन सारणियों से उक्त कुछ चुने हुए अनुदान निम्नलिखित पैराग्राफों में प्रस्तुत किए जाते हैं।

#### पिछले वर्ष के दौरान भवन-निर्माण पर व्यय

2.9.1 सर्वेक्षण की तारीख से 365 दिनों की अवधि के दौरान सामग्री, श्रम और सेवाओं के बृहद् शीर्षों के अंतर्गत निर्माण संबंधी राज्यवार औसत व्यय सारणी (7) में दिया जाता है। इन औसतों को प्राप्त करने के लिए हर उस निर्माण की अनुमानित संख्या है जिस पर पिछले 365 दिनों के दौरान (योग्य निर्माण) अर्थात् सामान्य जनसंख्या के सदस्य निर्माण लागत संबंधी कुछ व्यय हुआ है—कालम 13 उन प्रतिदर्श निर्माणों की



संख्या दर्शाती है जिन पर यह आधारित है। सर्वेक्षित प्रति-  
दर्श संस्वीकृतियों की कुल संख्या अनुबंध में दी गई है।

2.9.2 सारणी न केवल सामग्री की प्रमाणा और उपभोग किए गए धन में ही बल्कि राज्य और संघ क्षेत्र के प्रभावी मूल्य में भी कार्य भिन्नता दर्शाती है। यहां यह उल्लेख कर दिया जाए कि गुजरात में प्रयुक्त की गई ईंटों की प्रमाणा के अनुमान में संदेह प्रतीत होता है।

### वित्त के स्रोत

2.9.3 सारणी (8) (अंग्रेजी रूपान्तर देखें) प्रत्येक राज्य/संघ क्षेत्र के लिए स्रोत के अनुसार प्रति निर्माण वित्त पोषण को औसत राशि प्रस्तुत करती है। सारणी दर्शाती है कि "अन्य स्रोत" भवन-निर्माण के लिए वित्त पोषण के मुख्य स्रोत हैं। ऋण व्यवस्था का गठन लगभग सभी राज्यों में अपेक्षाकृत कम है।

2.9.4 उपर्युक्त वित्त पोषण के स्रोत संबंधी आंकड़े निर्माण जो अभी कुछ वर्ष पूर्व पूरे हुए हैं, जो अभी प्रारम्भ हुए हैं, या जो अभी तक प्रारम्भ भी नहीं हुए हैं, के व्यापक क्षेत्र से संबंधित हैं। वे संदर्भाधिक की कोई यथेष्ट परिभाषा नहीं बताते संदर्भाधिक के दौरान पूर्ण किए गए निर्माण के लिए जानकारी प्राप्त करना अधिक अर्थपरक होगा। उस मामले में यह कुल निर्माण लागत से भी संबंधित हो सकता है।

2.10.1 निम्नलिखित दो सारणियां, सारणियां (9) और (10) (अंग्रेजी रूपान्तर देखें) राज्य वार सारणी, सारणी 7 के उपांत से संकलित की गई हैं।

2.10.2 ये दो सारणियां मोटे तौर पर 35वें दौर अर्थात् 1976-80 के सर्वेक्षण अवधि से संबंधित चार वर्षों का चित्रण करती हैं। सारणियां स्वतः व्याख्यात्मक हैं। सारणी 10 में "रिकार्ड नहीं किए गए" मामले के उच्च समानुपात इसकी उपयोगिता को सीमित करते हैं।

### भाग-3

#### निष्कर्ष

3.1 सर्वेक्षण का मुख्य उद्देश्य निर्माण सर्वेक्षण के लिए नगर-पालिका संस्वीकृति सूची की उपयोगिता का प्रतिचयन ढांचे के रूप में मूल्यांकन करना था। प्रतीत होता है कि पिछले अध्यायों में चर्चित परिणाम इस प्रयोजन के लिए अपनी अनुप-युक्तता दर्शाते हैं। कम से कम उस रूप में जिसमें वे आजकल अनुरक्षित किए जाते हैं। इन सूचियों की मुख्य कमी, कार्य के पूर्ण होने संबंधी जानकारी का अभाव है। यदि कार्य पूर्ण होने की तारीख को विश्वसनीय जानकारी उपलब्ध हो जाती तो उन संस्वीकृति प्राप्त भवनों की सूची बनाना संभव हो जाता जिनका निर्माण संदर्भाधिक में पूरा हो चुका है अथवा अभी पूरा नहीं हुआ है। तब ऐसी सूची में लक्षित जनसंख्या की सभी इकाइयां

सम्मिलित होंगी यद्यपि इसमें कुछ बाहरी इकाइयां शामिल हो सकती हैं। (वे जिन पर निर्माण कार्य अभी तक शुरू नहीं हुआ एवं कभी नहीं होगा) वस्तुतः ऐसी सूची तैयार करने में, पिछले कई वर्षों की सूचियों का अध्ययन करना पड़ेगा परन्तु अंतिम सूची में लगभग सभी संबंधित इकाइयां शामिल होंगी न कि कई बाहरी यूनिटें।

3.2 प्रतिचयन के लिए इन्हें प्रयोग में लाने में एक और कठिनाई यह है कि कई शहरों में केवल नए भवनों के लिए ही संस्वीकृति की आवश्यकता होती है, परिवर्धन, परिवर्तन तथा सुधार के लिए नहीं। परन्तु इससे कुल निर्माण कार्यकलापों का एक विशिष्ट भाग बनता है अतः इसकी उपेक्षा नहीं की जा सकती।

3.3 उन छोटे नगरों की भी समस्या है जहां अभी तक संस्वीकृति की कोई प्रणाली नहीं है। शहरी क्षेत्र के इस भाग को भी ग्रामीण क्षेत्रों के साथ शामिल करना होगा।

3.4 इनके अतिरिक्त, निःसंदेह अप्राधिकृत निर्माण की गंभीर समस्या है नगरपालिका की संस्वीकृति के माध्यम से जिसका कभी आकलन नहीं किया जा सकता। कुल निर्माण में प्राधिकृत निर्माण के समानुपात की जानकारी नहीं है तथा निश्चय रूप से यह जानना कठिन है। तथापि इसे लागू करने संबंधी आयामी विचार को प्राप्त करने के लिए स्कीम (क) की सारणीयन योजना में एक प्रयास किया गया है। तथापि संभवतः यह नगण्य नहीं है।

3.5 इस प्रकार इससे यह प्रतीत होता है कि भवन निर्माण सर्वेक्षण के लिए नगरपालिका की संस्वीकृति सूची एक अच्छी सूची ढांचे के रूप में कार्य नहीं कर सकती। तथापि जैसा कि शहरी क्षेत्र में भवन निर्माण के निवेश और वित्त पोषण संबंधी पूर्ववर्ती सर्वेक्षण में किया गया है निर्माण कार्यकलाप के संकेन्द्रण के क्षेत्रों का अभिनिर्धारण (उदाहरणार्थ वार्ड) के लिए इस का प्रयोग अभी भी किया जा सकता है।

3.6 स्कीम के परिणाम इस बात पर प्रकाश डाल सकते हैं कि शहरी क्षेत्रों में लक्षित जनसंख्या की इकाइयां के प्रसार में सामान्य प्रयोजन के प्रतिदर्श ब्लाक कितने प्रभावकारी हैं।

3.7 इस विषय पर वर्तमान सर्वेक्षण के तथा रा. प्र. सर्वे. के पूर्ववर्ती सर्वेक्षणों से प्राप्त अनुभव के परिष्कृत में रा. प्र. सर्वे. में निर्माण सर्वेक्षण संगठन संबंधी कुछ प्रस्ताव प्रस्तुत किया जा सकते हैं। पारिवारिक क्षेत्र में भवन निर्माण संबंधी आंकड़ों के संग्रहण के लिए एक उपयुक्त रूप से अच्छी सूत्र नीति निम्न-नुसार दृष्टिगत होती है :—

1. भवन निर्माण पर निवेश और उनके वित्त पोषण संबंधी एक व्यापक सर्वेक्षण पांच वर्षों में एक बार किया जा सकता है। जबकि ग्रामीण क्षेत्र में इसे रा. प्र. सर्वे. के समाजार्थिक दौर के साथ एकीकृत किया जा सकता है। शहरी क्षेत्र में इसे नगरों

की विशेष प्रतिदर्श में जैसा कि पहले किया गया है इस सर्वेक्षण में, पिछले वर्षों के दौरान सभी प्रतिदर्शों से निर्माण पर व्यय तथा प्रारम्भ से कुल व्यय तथा कुल वित्त पोषण संबंधी जानकारी उन प्रतिदर्शों से संग्रहीत की जाएगी जो संदर्भाधी के दौरान पूरे किए गए हैं। प्रत्येक के लिए पर्याप्त प्रतिदर्श आकार सुनिश्चित करने के लिए वांछनीय होगा कि इन दो प्रकार की इकाइयों को अलग उप-स्तर के रूप में प्राप्त कर लिया जाए। सारणीयन लगभग विस्तृत वर्गों के संरचना के प्रकार के अनुसार किया जा सकता है।

2. अंतर सर्वेक्षण वर्षों में भवन-निर्माण की गणना :—  
 (क) जिस पर पिछले वर्ष के दौरान कुछ निर्माण किया गया था तथा (ख) पिछले वर्ष के दौरान पूरा किया गया सूचीयन, अनुसूची के जरिए प्राप्त किया जा सकता है अर्थात् प्रत्येक वार्षिक वर्ष, इनकी गणना भी संरचना के प्रकार से पर्याप्त व्यौरों सहित

किया जा सकता है ताकि प्रत्येक ऐसे वर्ग के लिए विस्तृत आधारभूत सर्वेक्षण से प्राप्त आसत अलग से प्रयोग की जा सके।

3.8 उससे यह प्रतीत होगा कि ऐसी स्कीम महत्वाकांक्षी अथवा खर्चीली हानों के कारण भवन निर्माण संबंधी आंकड़ों के तीन प्रमुख प्रयोक्ताओं की आवश्यकताओं को पूरा करने में समर्थ होगी। पांचवर्षीय सर्वेक्षण, भवन निर्माण के निवेश तथा वित्त पोषण संबंधी राष्ट्रीय भवन निर्माण संगठन के लिए अपेक्षित आंकड़े तैयार करने में समर्थ होंगे। वार्षिक और द्विवार्षिक सर्वेक्षण के. सां. सं. के प्रयोग के लिए आसत पिछले पंचवार्षिक सर्वेक्षण से प्राप्त अनुपातों और आसत सहित पारिवारिक क्षेत्र में भवन निर्माण में पूंजी निर्माण पर लिए गए वार्षिक व्यय संबंधी आंकड़े प्रदान करने में समर्थ होंगे। यह जैसा कि राष्ट्रीय भवन निर्माण संगठन द्वारा अपेक्षित संरचना के प्रकार के अनुसार आवास स्टॉक में वार्षिक वृद्धि के सीधे अनुमान भी मुहैया कर सकता है। योजना आयोग भी जिस तरीके से प्रयोग करना चाहे इन अनुमानों का प्रयोग कर सकता है।

## भवन निर्माण संबंधी एक टिप्पणी : राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन का 44वां दौर

(जुलाई 1988 --- जून 1989)

### भाग एक सर्वेक्षण का विवरण

#### प्रस्तावना

1.1 वर्तमान भवन निर्माण कार्यकलाप संबंधी एक जांच मुख्य रूप से राष्ट्रीय भवन निर्माण संगठन और केन्द्रीय सांख्यिकीय संगठन और केन्द्रीय सांख्यिकीय संगठन की आवश्यकताओं को पूरा करने के लिए राष्ट्रीय प्रतिदर्श सर्वेक्षण को 44वें दौर को एक भाग के रूप में शुरू की गई थी। इस प्रकार का एक सर्वेक्षण पिछली बार राष्ट्रीय प्रतिदर्श सर्वेक्षण द्वारा इसके 35वें दौर (जुलाई 1980-जून 1981) में किया गया था। जबकि 35वें दौर में भवन निर्माण और गैर-भवन निर्माण दोनों को शामिल करने का प्रयास किया गया था, 44वें दौर की जांच में केवल भवन निर्माणों को शामिल किया गया है। दोनों दौरों में सरकार (केन्द्रीय, राज्य और स्थानीय निकायों) सार्वजनिक क्षेत्र के उपक्रमों और निजी निर्गमित क्षेत्र द्वारा किए गए निर्माणों का निर्माण जांच की व्याप्ति से बाहर रखा गया। यह रिपोर्ट केवल केन्द्रीय प्रतिदर्श पर आधारित भवन निर्माण संबंधी जांच को 44वें दौर से प्राप्त परिणामों को प्रस्तुत करती है।

1.2 रिपोर्ट का खण्ड एक, सर्वेक्षण अभिकल्प के मुख्य पहलुओं और अपनाई गई संकल्पनाओं और परिभाषाओं सहित सर्वेक्षण के संक्षिप्त विवरण को दर्शाता है। खण्ड दो संक्षिप्त रूप से प्रतिदर्श अभिकल्प एवं आकलन पद्धति को दर्शाता है जबकि खण्ड तीन में सर्वेक्षण के महत्वपूर्ण परिणामों पर चर्चा की गई है। ग्रामीण एवं शहरी क्षेत्रों के लिए और चार महानगरों अर्थात् बम्बई, कलकत्ता, दिल्ली और मद्रास में से प्रत्येक के लिए भी भाग-2 में विस्तृत सारणियां दी गई हैं।

#### मुख्य सर्वेक्षण अभिकल्प

1.3 अपनाया गया प्रतिदर्श अभिकल्प ग्रामीण एवं शहरी दोनों क्षेत्रों में स्तरीकृत दो चरण वाला था। प्रथम चरण इकाईयां ग्रामीण क्षेत्र में गणना गांव और शहरी क्षेत्र में ढांचा सर्वेक्षण खण्ड थे। द्वितीय चरण इकाईयां प्रथम चरण इकाईयां के प्रतिदर्श की भौगोलिक सीमाओं के अंदर किए गए भवन निर्माण कार्य थे चाहे निर्माण का स्वामी कहीं भी रहता हो। इनमें 'पक्के', 'अर्ध पक्के' और 'कच्चे' भवन शामिल थे। वे या तो नए भवन थे अथवा वर्तमान भवनों में परिवर्धन, परिवर्तन अथवा सुधार थे। केवल उन्हीं निर्माण कार्यों पर विचार किया गया जिन पर किया गया खर्च 365 दिन पूर्व ग्रामीण क्षेत्र में 250/- रुपये और शहरी क्षेत्र में 500/- रुपये से अधिक था। जैसा कि पहले ही उल्लेख किया गया है सरकारी सार्वजनिक क्षेत्र के उप-

क्रमों और निजी निर्गमित क्षेत्र (अर्थात् निजी एवं सार्वजनिक सीमित कम्पनियों) द्वारा निर्मित भवन सर्वेक्षण की व्याप्ति से बाहर थे।

1.4 चुने गए गांवों, खण्डों और भवन निर्माण कार्यों की कुल संख्या क्रमशः 7656, 4836 और 42264 थी।

#### संकल्पनाएं और परिभाषाएं

1.5 सर्वेक्षण की इकाई : सर्वेक्षण की इकाई किसी दिए गए स्थल पर भवन निर्माण कार्य था। यह या तो नया भवन अथवा वर्तमान भवनों में परिवर्धन, परिवर्तन अथवा सुधार हो सकता है। निर्माण कार्य समस्त भवन का उल्लेख करता है। उदाहरणार्थ यदि कोई सहकारी आवास समिति अनेक फ्लैटों वाले भवन का निर्माण कर रही हो तो सारा भवन एक इकाई का निर्माण करता है। यदि भौतिक रूप से अलग एक से अधिक ढांचे एक ही आवासीय इकाई (रसोईघर अथवा स्नानागार मुख्य भवन से पृथक हो सकता है) का निर्माण करते हों तो उन सब को मिला कर एक भवन माना जाएगा। दूसरी तरफ यदि किसी भवन के विभिन्न भागों के स्वामी निर्माण कार्य पूरा किए जाने के समय अलग-अलग व्यक्ति थे तो ऐसे प्रत्येक भाग को एक अलग निर्माण कार्य माना जाएगा (उदाहरण : निजी स्वामित्व वाले फ्लैटों में प्रत्येक फ्लैट के स्वामी द्वारा किए गए परिवर्धन, परिवर्तन अथवा सुधार के अलग निर्माण कार्य माना जाएगा)। कुछ आपवादिक मामलों में एक स्थल पर एक से अधिक ढांचे बनाए गए हों किन्तु अलग-अलग ढांचों के लिए अलग से लेखा उपलब्ध नहीं था। फिर उन सब को मिला कर एक इकाई माना गया। किसी भी मामले में विभिन्न स्थलों पर निर्मित भवनों को एक इकाई में समूहबद्ध नहीं किया गया।

#### 1.6 नए भवन :

इसका एक पूर्णतः नए ढांचे के निर्माण के रूप में परिभाषित किया गया।

1.7 भवन में परिवर्धन, परिवर्तन और सुधार को वर्तमान भवनों के विस्तार और बड़ेतरा के रूप में परिभाषित किया गया। ऐसे कार्य का परिणाम अतिरिक्त मंजिल की गुंजाइश और/अथवा सुविधाओं अथवा उनके टिके रहने की अवधि में वृद्धि की व्यवस्था करके ढांचों की उपयोगिता में बड़ेतरा होनी चाहिए। किसी भी प्रकार का पुनर्निर्माण, नवीकरण और बड़ा मरम्मत कार्य इसके अंतर्गत आएगा। इस श्रेणी में नमी अनुरक्षण और छोटी-मोटी मरम्मतों पर विचार नहीं किया जाएगा।

## 1.8 ढांचे की किस्म :

भवनों के ढांचों के संदर्भ में भवनों को उनकी दीवारों और छत का निर्माण करने के लिए इस्तेमाल की गई सामग्रियों के आधार पर तीन किस्मों अर्थात् "पक्का", "अर्धपक्का" और "कच्चा" में वर्गीकृत किया गया।

## 1.9 पक्का :

एक पक्का ढांचा वह है जिसकी दीवारें और छतें कम से कम "पक्की" सामग्री जैसे सीमेंट, कांक्रीट, भट्टे में पकी ईंटों, पत्थर और शिलाखण्डों, जैक बोर्ड, टाइल्स, लकड़ी, जस्तदार अथवा नालीदार लोहे की चादरों, एस्बेस्टोस सीमेंट की चादरों आदि की बनी हुई हों।

## 1.10 कच्चा :

एक कच्चा ढांचा वह है जिसकी दीवारों और छतें दोनों कच्ची अथवा गैर-पक्की सामग्री जैसे बिना पक्की ईंटों, बांस, मिट्टी, घास, पत्तों, सरकण्डों और/अथवा फूस आदि की बनी हुई हों।

## 1.11 अर्ध पक्का :

इस प्रकार का ढांचा वह है जिसे न तो पूर्णतः पक्का अथवा पूर्णतः कच्चा माना जा सके।

1.12 निर्माण कार्य का स्वामी कोई व्यक्ति, सामूहिक निकाय अथवा कोई संस्था थी जिसके लिए निर्माण किया गया। जब निर्माण कार्य पूरा किया गया हो उस समय ऐसे व्यक्ति/अभिकरण को स्वामी माना गया। उदाहरणार्थ बाद में सदस्यों को दिए जाने वाले फ्लैटों का निर्माण कर रही सहकारी आवास समिति के मामले में निर्माण के समय समिति को स्वामी माना जाएगा। स्वामी निम्नलिखित में से किसी एक श्रेणी में आ सकता है।

## 1.12.1 परिवार :

भवन निर्माण सर्वेक्षण के लिए किसी निजी व्यक्ति, संयुक्त परिवार अथवा स्वामित्व अथवा साझेदारी उद्यम को परिवार (अथवा, यद्यपि, पारिवारिक क्षेत्र से संबंधित) माना गया।

## 1.12.2 सहकारी आवास समिति :

अपने सदस्यों के लिए पूर्णतः अथवा मुख्य प्रयोजन से मकान/फ्लैट निर्माण करने वाली पंजीकृत सहकारी समिति, सहकारी आवास समिति है। केवल वित्त की व्यवस्था करने वाली समिति सहकारी आवास समिति नहीं है।

## 1.12.3 निजी गैर-पारिवारिक संगठन (सहकारी आवास समिति के अतिरिक्त) :

परिवारों, आवास समितियों और संयुक्त पंजी कम्पनियों के अतिरिक्त निजी क्षेत्र के सभी संगठन इस श्रेणी के अंतर्गत आते

हैं। उदाहरण के लिए समितियों, क्लबों, राजनीतिक दलों, सहकारी समितियों (आवास समितियों के अतिरिक्त) आदि द्वारा संचालित शैक्षिक और धार्मिक संस्थाएँ।

1.13 पूर्ण किया गया भवन : किसी "नए भवन" निर्माण को पूर्ण किया गया माना गया यदि इसे प्रथम कब्जे के लिए स्वामी द्वारा पूर्ण किया गया और तैयार माना गया हो। "परिवर्धन, परिवर्तन और सुधार" के मामले में किसी निर्माण को पूर्ण किया गया माना गया यदि स्वामी के विचार से इसे पूर्ण कर दिया गया है।

## 1.14 निर्माण व्यय :

यह संदर्भ अर्थात् के दौरान निर्माण पर किए गए व्यय की की लागत है जिसमें (1) इस्तेमाल की गई साग्री, (2) श्रमिकों को दी गई मजदूरी और (3) उपयोग की गई विभिन्न सेवाओं के लिए अदा किए प्रभार शामिल हैं। उपहार के रूप में प्राप्त सामग्री का मूल्यांकन, प्रचलित बाजार मूल्य पर और देश में उत्पादित मर्दों का फार्मगत अथवा कारखानागत दरों पर किया गया। निशुल्क संग्रह के लिए केवल परिवहन एवं अन्य आनुषंगिक प्रभारों को गिना गया। सामग्री की लागत में परिवहन प्रभार शामिल थे।

1.15 वित्त के कुछ स्रोतों के संपत्कार्थ नीचे दिए गए हैं :—

## 1.15.1 सरकारी/स्थानीय निकायों :

इसमें केन्द्रीय और राज्य सरकारें तथा स्थानीय स्वशासी निकायों और उनके द्वारा गठित संस्थाएँ जैसे हड़को, शामिल थी।

## 1.15.2 साहूकार :

इसमें देशी व्यावसायिक साहूकार जो व्याज पर रुपए उधार देते हैं, का उल्लेख किया गया है।

## 1.15.3 मित्र और संबंधी :

मित्र और संबंधी वे हैं जो बिना व्याज के रुपया उधार देते हैं। ऐसा व्यक्ति जो व्याज वसूल करता है, साहूकार के रूप में वर्गीकृत किया गया।

1.15.4 बचत : इसमें केवल बैंकों डाकघरों आदि में जमा राशियाँ शामिल हैं। इसमें वर्तमान आय जैसे बेटन, पेंशन आदि शामिल नहीं किए गए।

1.15.5 पेंशन, भविष्य निधि और अन्य अधिर्वाहगत लाभ : इनमें सेवा निवृत्ति पर प्राप्त पेंशन की परिवर्तित राशि, उपदान, भविष्य निधि आदि का उल्लेख किया गया है।

1.15.6 अन्य : बेटन, पेंशन, व्यापार और व्यवसाय से प्राप्त वर्तमान आय नकदी तथा अन्य कोई आय जिस पर अन्यत्र विचार नहीं किया गया, को "अन्य" के अंतर्गत माना गया।

## 1.16 वित्त :

सूत्रों के अनुसार भवन निर्माण के लिए वित्त प्रबंध संबंध आंकड़ों सर्वेक्षण की तारीख से 365 दिन पूर्व संदर्भ अवधि के लिए एकत्र किए गए। उधार ली गई निधियों के मामले में संदर्भ अवधि के दौरान उधार ली गई सभी निधियों को शामिल किया गया चाहे इनमें से सारी इस अवधि के दौरान निर्माण पर खर्च की गई हों अथवा नहीं। फिर भी अपने सूत्रों के मामले में संदर्भ अवधि के दौरान निर्माण कार्य पर खर्च की गई वास्तविक राशि पर ही विचार किया गया।

## भाग-दो

## प्रतिवर्ष अभिकल्प एवं आकलन पद्धति

## प्रतिवर्ष अभिकल्प

## 2.1 भौगोलिक व्याप्ति :

सर्वेक्षण में जम्मू व कश्मीर के लद्दाख और कारगिल जिलों को छोड़कर समस्त भारत संघ को शामिल किया गया था। सर्वेक्षण को अस्थायी रूप से नागालैंड के ग्रामीण क्षेत्रों तक विस्तारित किया गया था किन्तु चूंकि नागालैंड का ग्रामीण प्रतिदर्श पत्र रूप से प्रतिनिधि नहीं था। अतः प्रस्तुत रिपोर्ट में वहां से एकत्रित किए गए आंकड़ों को शामिल नहीं किया गया है। इस प्रकार ग्रामीण नागालैंड के अनुमान नहीं दिए गए हैं और न ही अखिल भारतीय ग्रामीण अनुमानों में वह राज्य शामिल है।

## 2.2 प्रतिदर्श के चयन की पद्धति :

प्रतिदर्श स्तरीकृत दो चरण वाला था। प्रथम चरण इकाइयों ग्रामीण क्षेत्र में गणना गांव और शहरी क्षेत्र में शहरी ढांचा सर्वेक्षण खण्ड थे। द्वितीय चरण इकाइयों निर्माण कार्य थी। ग्रामीण क्षेत्र में स्तरीकरण 44वें दौर के जनजातीय सर्वेक्षण की ओर अभिमुख था। शहरी क्षेत्र के 200,000 अथवा अधिक जनसंख्या वाले शहरों के स्तरीकरण में निर्माण कार्यकलाप के विषय स्थानिक वितरण को ध्यान में रखने का प्रयास किया गया है। प्रतिदर्श गांवों को जनसंख्या और प्रतिदर्श खण्डों की तुलना में संभार व्यक्त अनुपात से वर्तल क्रमबद्ध रूप से चना गया। बड़े गांवों और खण्डों को अनेक खंडों समूहों और उप-खण्डों में विभाजित किया गया जिनमें से एक को सर्वेक्षण के लिए चना गया। प्रतिदर्श निर्माणों को 3 उप-संस्तरों अर्थात् (1) पक्का और अर्ध पक्का नया भवन, (2) पक्का और अर्ध पक्का परिवर्धन, परिवर्तन तथा सुधार एवं (3) सभी कच्चे भवनों में विभाजित करने के बाद चना गया। प्रतिदर्शों को आकार की तुलना में अनुपातिक संभाव्यता के साथ क्रमबद्ध रूप से उप-संस्तर से और समान संभाव्यता के साथ अन्य दो उप-संस्तरों से चने गए। प्रत्येक प्रथम चरण इकाई के लिए आर्बिट्ररी प्रतिदर्शों की संख्या ग्रामीण क्षेत्र में तीन उप-संस्तर से क्रमशः 4, 1 और 2 तथा शहरी क्षेत्र में

क्रमशः 4, 2 और 1 थी। सहकारी आवास समिति के स्वामित्व वाले किसी प्रतिदर्श निर्माण के मामले में वित्त के सूत्र संबंधी आंकड़ों यादृच्छिक आधार पर 2 सदस्यों से चुने गए। विवरण पत्र (2.1 देखें अंग्रेजी रूपान्तर)। राज्यों एवं संघ शासित क्षेत्र के अनुसार आर्बिट्ररी और सर्वेक्षित प्रतिदर्श गांवों और शहरी खण्डों की संख्या तथा ग्रामीण एवं शहरी क्षेत्रों में सर्वेक्षित प्रतिदर्श निर्माणों की संख्या को दर्शाता है।

## भाग-तीन

## संक्षिप्त निष्कर्ष

3.1 ढांचे की किस्म के अनुसार निर्माणों की संख्या : निम्न-लिखित विवरण-पत्र (3.1) (देखें अंग्रेजी रूपान्तर) समस्त भारत, ग्रामीण शहरी और नगरों में भवन निर्माणों की अनुमानित संख्या और ढांचे की किस्म के अनुसार उनके वितरण को दर्शाता है।

3.2 उपर्युक्त विवरण (3.1) में यह देखा गया है कि शहरी क्षेत्रों में पक्का एवं अर्ध पक्का निर्माणों का अधिकांश है।

3.3 भवनों की एक बहुत बड़ी संख्या का निर्माण अपने उपयोग के लिए परिवारों द्वारा किया गया है। यह देखा जा सकता है कि सहकारी आन्दोलन अपने आपको देश के शहरी क्षेत्र में भी स्थापित नहीं कर सकता है। परिशिष्ट की सारणी (2) में दिए गए राज्यवार अनुमानों के अनुसार अधिकांश राज्यों में इस क्षेत्र से कोई निर्माण सूचित नहीं किया गया है।

3.4 जांच के दिन से 365 दिन पूर्व की अवधि के दौरान निर्माण संबंधी व्यय : निर्माण व्यय में सामग्री, श्रमिक और सेवाओं संबंधी खर्च शामिल है। विवरण-पत्र (3.3) (अंग्रेजी रूपान्तर देखें) ग्रामों, शहर और नगरों के संबंध में अखिल भारतीय स्तर पर पक्के भवनों और सभी भवनों के लिए खर्च की मुख्य मदों के अनुसार प्रति निर्माण व्यय को दर्शाता है।

3.5 प्रत्येक किस्म के ढांचे के नए भवनों के निर्माण हेतु फर्श क्षेत्रफल की प्रति मीटर लागत तथा ग्रामीण, शहरों एवं नगरों के बीच इसके परिवर्तन को देखना महत्वपूर्ण होगा। विवरण-पत्र (3.4) (अंग्रेजी रूपान्तर देखें) पूरे किए गए पक्के, अर्ध पक्के और कच्चे भवनों के संबंध में अखिल भारतीय स्तर पर इस सूचना को दर्शाता है।

जैसा कि अर्धक्षत था निर्माण की लागत महानगरों में अधिकतम और ग्रामीण क्षेत्रों में न्यूनतम है। परिशिष्ट की सारणी 5 से फर्श क्षेत्रफल की प्रति वर्ग मीटर की अंकित लागत में राज्यवार परिवर्तन प्रकट होंगे।

3.6 निर्माण पर व्यय संबंधी आंकड़ों के अतिरिक्त राष्ट्रीय भवन निर्माण संगठन और भारतीय रिजर्व बैंक दोनों ही विभिन्न

स्रोतों जैसे नियोजक, बैंकों और साहूकारों आदि से उधार तथा अपने साधन द्वारा भवन निर्माण के लिए वित्त के वितरण में रुचि रखते थे। वित्त आंकड़े सर्वेक्षण की तारीख से 365 दिन पूर्व की अवधि के लिए एकत्रित किए गए थे। निम्नलिखित विवरण-पत्र (3.5) (अंग्रेजी रूपान्तर देखें) स्रोत के अनुसार पिछले 365 दिन की अवधि के दौरान प्राप्त वित्त के वितरण को दर्शाता है।

3.7 यह देखा जा सकता है कि पारिवारिक क्षेत्र में भवन निर्माण के संस्थागत वित्त की भूमिका अब भी बहुत महत्वपूर्ण नहीं है। कुल वित्त के अनुपात के रूप में इसका ग्रामीण एवं शहरी क्षेत्रों में वही क्रम है। जो मकान बनाते हैं वे अब भी अधिकांशतः अपने स्रोतों पर निर्भर रहते हैं, पिछली बचत और परिसम्पत्तियों की बिक्री, निधियों का अत्यन्त महत्वपूर्ण स्रोत है।

## आवास स्थिति के बारे में एक टिप्पणी : राष्ट्रीय प्रतिदर्श सर्वेक्षण का 44वां दौर

(जुलाई 1988—जून 1989)

भाग-एक

### प्रस्तावना

1.0 लोगों की आवास स्थिति देश के समाजाधिक विकास का बहुत महत्वपूर्ण संकेतक है। समग्र आवास सम्बन्धी आवश्यकताओं और आवास नीतियों और कार्यक्रमों को तैयार करने के लिए मात्रात्मक संदर्भ में आवास स्थिति के बारे में सांख्यिकीय आसूचना अनिवार्य है। इस प्रकार आज की विभिन्न आवासीय समस्याओं के प्रति समुचित ध्यान देने के लिए उन्हें सक्षम बनाने हेतु सरकार तथा योजना निकायों के लिए आवास स्थिति से सम्बन्धित विश्वसनीय आंकड़ों के निरन्तर प्रवाह का महत्व और भी बढ़ गया है। राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन ने अपने 44वें दौर (जुलाई 1988—जून 1989) में अन्य विषयों के साथ-साथ आवास स्थिति को भी जांच का एक विषय बनाया। राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन ने शुरू से ही इस विषय पर आंकड़े एकत्र करना शुरू कर दिए। आवासीय इकाइयों के संरचनात्मक पहलुओं और पेय जल, शांत्कालय, मल निकास, प्रकाश इत्यादि जैसी मूल आवासीय सुविधाओं के बारे में उन्हें उपलब्ध आंकड़े 13वें और 14वें दौर का छोड़कर राष्ट्रीय प्रतिदर्श सर्वेक्षण के 7वें दौर (अक्टूबर 1953 से मार्च 1954) से 23 वें दौर जुलाई 1968—जून 1969 तक एकत्र किए गए। ये अनिवार्य-तया अन्वेषणात्मक सर्वेक्षण थे और इन्हें राष्ट्रीय स्तर पर आवास सम्बन्धी समस्याओं के आयामों के बारे में केवल मोटा अनुमान देने के लिए अभिकल्पित किया गया। इन दौरों में प्रतिदर्श आकार राज्य अथवा निचले स्तर पर विश्वसनीय अनुमान तैयार करने के लिए पर्याप्त रूप से बड़े नहीं थे। तथापि, राष्ट्रीय प्रतिदर्श सर्वेक्षण के 28वें दौर (अक्टूबर 1973—जून 1974) में आवास स्थिति के बारे में एक व्यापक सर्वेक्षण राज्य/संघ शासित क्षेत्र स्तर पर विश्वसनीय अनुमानों की व्यवस्था करने के लिए 1.2 लाख परिवारों के प्रतिदर्श आकार के साथ देश के ग्रामीण और शहरी क्षेत्रों में आयोजित किया गया।

राष्ट्रीय प्रतिदर्श सर्वेक्षण के इस 44वें दौर (जुलाई 1988—जून 1989) में लगभग 75000 परिवारों (ग्रामीण क्षेत्र से 46,560 और शहरी क्षेत्र से 29016) के प्रतिदर्श से ग्रामीण तथा शहरी दोनों क्षेत्रों में "आवास स्थिति" सम्बन्धी एक व्यापक सर्वेक्षण पूरा किया गया।

1.1 सर्वेक्षण में जम्मू और कश्मीर के लद्दाख और कारगिल को छोड़कर सम्पूर्ण भारतीय संघ को शामिल किया गया। नागालैण्ड के ग्रामीण क्षेत्र जो 43वें दौर तक राष्ट्रीय प्रतिदर्श सर्वेक्षण की व्याप्ति से बाहर रखे गए थे, उन्हें इस दौर में

शामिल किया गया है परन्तु नागालैण्ड के ग्रामीण क्षेत्र के परिणामों को रिपोर्ट में शामिल नहीं किया गया है क्योंकि प्रतिदर्श वास्तव में ग्रामीण नागालैण्ड का प्रतिनिधित्व नहीं करता था। समस्त भारत के ग्रामीण अनुमानों में भी नागालैण्ड शामिल नहीं है।

1.2 सर्वेक्षण का प्रतिचयन अभिकल्प ग्रामीण क्षेत्र में प्रथम स्तर इकाइयों के रूप में गणना ग्राम सहित तथा शहरी क्षेत्र में शहरी छांटा सर्वेक्षण ब्लॉक पहले स्तर की इकाइयों के रूप में द्विस्तरीय संस्तरकृत परिवार ग्रामीण तथा शहरी क्षेत्रों के लिए द्वितीय स्तर इकाइयां थी। केंद्रीय प्रतिदर्श में समस्त भारत स्तर 7656।

प्रतिदर्श गांवों और 4819 शहरी प्रतिदर्श ब्लॉकों का चयन किया गया। छः परिवारों को प्रति प्रतिदर्श गांव/ब्लॉक पर चुना गया जिनमें से प्रत्येक के लिए जांच अनुसूची 1.2 भरी गई।

1.3 इस सर्वेक्षण में अपनाई गई संकल्पनाओं और परिभाषाओं की भाग-दो में व्याख्या की गई है और प्रतिदर्श अभिकल्प और अनुमान प्रक्रिया का वर्णन भाग तीन में किया गया है। सार निष्कर्षों पर भाग चार में चर्चा की गई है जबकि विस्तृत सारणियां भाग-2 में दी गई हैं।

### भाग-दो

#### संकल्पनाएं तथा परिभाषाएं

2.0 इस सर्वेक्षण में अपनाई गई कुछ महत्वपूर्ण संकल्पनाएं और परिभाषाएं नीचे दी गई हैं :—

2.1 परिवार सामान्यतया एक साथ रहने वाले व्यक्तियों का समूह, जो एक ही रसोई में खाना खाते हों, एक परिवार कहलाता है। परिवार के सदस्यों का एक दूसरे से रक्त का सम्बन्ध हो सकता है अथवा नहीं भी।

2.2 परिवार का आकार : एक परिवार के सामान्यतया निवासी सदस्यों की संख्या इसका आकार है।

2.3 आवासीय इकाई : इस सर्वेक्षण के उद्देश्य के लिए आवासीय इकाई का अर्थ परिवार द्वारा रिहाइश के प्रयोजन के लिए उपलब्ध कराया जा रहा आवास।

2.4 संरचनाओं, निर्माण के लिए प्रयुक्त सामग्री के आधार पर पक्का, अर्ध पक्का तथा कच्चा नामक तीन श्रेणियों में वर्गीकृत किया गया है।

2.4.1 पक्की संरचना :—पक्की संरचना वह है जिसकी बाहरी दीवारें तथा छतें कम से कम पक्की सामग्री की बनी हों। सीमेंट, रोड़ी, भट्टे में पक्की ईंटें, पत्थर के ब्लाक, मल्वनीकृत लोहा, जस्ता अथवा अन्य धातु की चद्दर, लकड़ी, सरिया, एस्बेस्टस, सीमेंट की चद्दरें इत्यादि।

2.4.2 कच्ची संरचना :—कच्ची संरचना वह है जिसकी दीवारें और छत गैर पक्की सामग्री की बनी होती है।

2.4.3 अर्ध पक्की संरचना :—अर्ध पक्की संरचना वह है जिसे परिभाषा के अनुसार पक्की अथवा कच्ची संरचना न कहा जा सके। ऐसी संरचना की दीवारें अथवा छतें, किन्तु दोनों नहीं, पक्की सामग्री की बनी हों।

2.4.4 खराब संरचना :—यदि भवन को तुरन्त भारी मरम्मत की आवश्यकता है जिसके बिना वह रहने के लिए असुरक्षित हो सकता है और जिसे गिराना अथवा पुनः बनाना आवश्यक हो, उसे खराब संरचना माना जाता है।

2.5 भवन :—भवन एक स्वतन्त्र रूप से खड़ी संरचना है जिसमें एक अथवा अधिक कमरें अथवा घिरा हुआ अन्य स्थल हों और बाहरी दीवारों अथवा कमरों की दीवारों से सटा हों जो नीचे से छत तक जाती हों।

2.6 आवास का प्रकार :—आवासों को चार प्रकारों में वर्गीकृत किया गया है नामतः मकान, फ्लैट, चाल और अन्य।

2.6.1 स्वतन्त्र मकान :—यह एक पृथक संरचना है जिसमें उपसाधनों सहित, यदि कोई हों, निर्मित पुनर्निर्मित अथवा संशोधित एक अथवा अधिक कमरें हों, एक एकल आवासीय इकाई कहलाती है। इसका सड़क अथवा सामूहिक तल अथवा आंगन से एक अलग प्रवेश द्वार हो। परिवार को एक स्वतन्त्र घर में रहते हुए कहा जाता है यदि इसका रिहायशी आवास सम्पूर्ण भवन में हों।

2.6.2 फ्लैट :—फ्लैट एक स्वतः पूर्ण आवासीय व्यवस्था है जो किसी भवन का एक भाग है। इसमें जल आपूर्ति, स्नानगृह और शौचालय जैसी साधारण आवासीय सुविधाओं सहित एक अथवा अधिक कमरें पूरी तरह से एकल परिवार के प्रयोग के लिए हों।

2.6.3 चाल :—चाल एक भवन है जिसमें कुछ कोठरियां हैं जिसमें सामान्यतया एक कमरा होता है और सामूहिक गलियारा और सामूहिक स्नानगृह तथा शौचालय सुविधाएं होती हैं।

## 2.7 आच्छादित और अनाच्छादित बरामदा

बरामदा सामान्यतया बिना दरवाजे का आच्छादित स्नान होता है। यह साधारणतया कमरे में जाने का स्थान है और सभी ओर से दीवारें नहीं होती। दूसरे शब्दों में, बरामदा कम से कम एक तरफ से या तो खुला होगा अथवा कुछ ऊंचाई तक उसमें दीवार होगी अथवा ग्रिल, जाल इत्यादि से सुरक्षित होगा। बरामदे को आच्छादित बरामदा माना जाता है यदि इसे सभी ओर से संरक्षित किया हों और अन्यथा अनाच्छादित कहा जाएगा।

2.8 स्लम/बस्ती :—स्लम/बस्ती एक सघन क्षेत्र है जिसमें आम तौर पर मकान एक दूसरे से सटे हुए कच्चे बने होते हैं और इनमें स्वच्छता तथा पीने के पानी की पर्याप्त सुविधाएं नहीं होती।

2.9 कमरा :—कमरा एक निर्मित क्षेत्र है जिसमें सभी ओर दीवारें अथवा पार्टिशन होते हैं और इसमें कम से कम एक दरवाजा और ऊपर छत होती है। दीवार/पार्टिशन से अर्थ है फर्श से छत तक पूरी तरह ठोस संरचना (दरवाजे, खिड़कियां, रोशनदान इत्यादि छोड़कर)। एंसा निर्मित स्थल जिसमें एक अथवा अधिक ओर दीवार या पार्टिशन की जगह ग्रिल या जाल लगा हों, उसे कमरा नहीं समझा गया है। शकुं आकार की संरचना जिसमें छत फर्श के स्तर तक निर्मित हों, के मामले में छत भी दीवार ही मानी गई है।

2.9.1 बैठक :—एंसा कमरा जो बैठक प्रयोजन के लिए प्रयोग किया गया है और यदि इसमें शयनकक्ष, बैठक कक्ष, पठन कक्ष, प्रार्थना कक्ष अथवा भोजन कक्ष, रसोई, स्नानगृह, शौचालय, भंडार कक्ष, गैराज इत्यादि के लिए प्रयोग किया जाता है तो यह बैठक प्रयोजन के लिए नहीं समझा जाएगा। यदि बैठक के कमरे का फर्श क्षेत्रफल (तल क्षेत्रफल) कम से कम 4 वर्ग मीटर और से छत की ऊंचाई लगभग 2 मीटर हो तो इसे बैठक कक्ष माना गया है।

2.9.2 अन्य कक्ष :—वह कमरा जो बैठक की परिभाषा पर खरा नहीं उतरता, अन्य कक्ष कहा जाता है।

2.10 परिवार केन्द्रक :—परिवार केन्द्रक में बिना बच्चों के अथवा एक या अधिक अविवाहित बच्चों वाले विवाहित युगल अथवा (1) माता अथवा पिता जिनके साथ एक अथवा अधिक अविवाहित बच्चे रहते हों, शामिल है। उपर्युक्त (2) में एक अभिभावक वर्तमान में विवाहित, तलाक शूदा अथवा विधुर/विधवा हो सकता/सकती है। परिवार के सदस्यों में ऐसे परिवार केन्द्रकों की संख्या दर्ज की गई। बहु पत्नी के मामले में, प्रत्येक पत्नी एक युगल बनाती है और इस लिए एक परिवार केन्द्रक में योगदान देती है। बहु पति के मामले में पत्नी अपने सभी पतियों के साथ मिलकर एक युगल बनाती है।



## भाग-3

## प्रतिदर्श अभिकल्प और आकलन विधि

3.1 प्रतिचयन अभिकल्प :—प्रतिचयन अभिकल्प ग्रामीण क्षेत्र में प्रथम स्तर इकाइयों के रूप में गणना गांव सहित सामान्य संस्कारकृत दो स्तर के रूप में था और शहरी क्षेत्र में प्रथम स्तर इकाइयों के रूप में शहरी टांचा सर्वेक्षण ब्लॉक के रूप में था।

प्रतिदर्श गांवों का चयन दो स्वतंत्र उप प्रतिदर्शों के रूप में कुल जनसंख्या के संभाव्यता समानुपात के साथ क्रमबद्ध ढंग से किया गया था। नागालैण्ड के ग्रामीण क्षेत्रों के मामले में प्रतिदर्श गांवों का चयन सप्रयोजन किया गया। प्रतिदर्श ब्लॉकों का चयन दो स्वतंत्र उप प्रतिदर्शों के रूप में समाज संभाव्यता सहित वर्तुल। प्रतिदर्श परिवारों का चयन वर्तुल क्रमबद्ध ढंग से किया गया। विवरण (0) (अंग्रेजी रूपान्तरण देखें) में आर्वाइट तथा सर्वेक्षण किए गए प्रतिदर्श गांवों/ब्लॉकों का वितरण और प्रत्येक राज्य/संघ शासित क्षेत्र के लिए सर्वेक्षण किए गए प्रतिदर्श परिवारों की संख्या दी गई है।

3.2 सर्वेक्षण अवधि और उप दौर का गठन :—सर्वेक्षण जुलाई, 1988 में शुरू हुआ और जून, 1989 तक जारी रहा। संपूर्ण सर्वेक्षण अवधि को तीन-तीन माह की अवधि के चार उप दौरों में निम्नानुसार बांटा गया :—

उप दौर संख्या	अवधि
1.	जुलाई—सितम्बर, 88
2.	अक्तूबर, 88—दिसम्बर, 88
3.	जनवरी, 89—मार्च, 89
4.	अप्रैल, 89—जून, 89

इनमें से प्रत्येक उप दौर में सर्वेक्षण के लिए प्रतिदर्श गांवों और ब्लॉकों की समान संख्या आर्वाइट की गई। सभी उप दौरों के पूल आंकड़ों को एक साथ मिलाकर कुल आंकड़ों पर आधारित परिणामों को सभी मौसमी विभिन्नताओं के लिए गिना जाएगा और इस पर मौसमी प्रभाव नहीं होगा।

## भाग-4

## निष्कर्षों का सार

4.0 आवास स्थिति के बारे में 44वें दौर सर्वेक्षण के परिणामों पर आधारित आवास स्थिति के विभिन्न पहलुओं से संबंधित कुछ सामान्य निष्कर्ष अनुवर्ती पैराग्राफों में नीचे दिए गए हैं।

4.1 औसत परिवार आकार और परिवार केन्द्रक की औसत संख्या :—प्रत्येक राज्य संघ शासित क्षेत्र के लिए, ग्रामीण तथा शहरी क्षेत्रों के लिए सर्वेक्षण आंकड़ों पर आधारित प्रति परिवार

औसत परिवार आकार तथा प्रति परिवार परिवार केन्द्रक की औसत संख्या विवरण-1 में प्रस्तुत हैं। यह देखा जाता है कि ग्रामीण भारत में प्रति परिवार व्यक्तियों की संख्या 5.50 है जबकि शहरी भारत में तदनुसूची औसत 5.03 है और परिवार आकार चंडीगढ़ में ग्रामीण तथा शहरी क्षेत्रों के लिए सबसे कम तथा जम्मू और कश्मीर (6.47) में ग्रामीण क्षेत्र में और मणिपुर (6.28) में शहरी क्षेत्र में सबसे अधिक है। ग्रामीण भारत में प्रति परिवार परिवार केन्द्रक की औसत संख्या 1.23 और शहरी भारत में तदनुसूची संख्या 1.09 है औसत परिवार आकार के समान परिवार केन्द्रक की औसत संख्या चंडीगढ़ में ही सबसे कम है यह ग्रामीण क्षेत्र में 0.59 और शहरी क्षेत्र में 0.71 है। यह हरियाणा (1.45) के ग्रामीण क्षेत्र में उच्चतम है और लक्षद्वीप (1.61) के शहरी क्षेत्र के कुछ स्थानों में 1 से भी कम है क्योंकि ज्यादातर पुरुष अपनी पत्नियों से दूर रहते हैं।

4.2.1 संरचना के प्रकार के अनुसार आवासों (परिवारों) का वितरण :—भवन की संरचना का प्रकार विद्यमान आवास स्थिति के अध्ययन के लिए महत्वपूर्ण संकेतक है। विवरण-2 से यह स्पष्ट होता है कि ग्रामीण भारत में 35.55% परिवार कच्ची संरचनाओं में रह रहे सूचित किए गए। भारत में पूर्वी और उत्तर-पूर्वी राज्यों/संघ शासित क्षेत्रों में अधिकांश ग्रामीण परिवार कच्ची संरचना में रहते थे। इनका समानुपात 80% से अधिक है, त्रिपुरा में (82.48%) और अरुणाचल प्रदेश में (83.79%) है। दूसरी ओर अन्य हिमालयी राज्यों सिक्किम, हिमाचल प्रदेश और जम्मू और कश्मीर में, कच्चे आवासों का समानुपात क्रमशः 29.75%, 10.03% और 23.77% है। कुल ग्रामीण आवासों की तुलना में अर्द्ध पक्के और पक्के आवासों का भाग क्रमशः लगभग 34% और 27% है।

4.2.2 विवरण पत्र-2 (अंग्रेजी रूपान्तरण देखें) से यह स्पष्ट होता है कि शहरी क्षेत्र में आवास अधिकांशतः पक्की संरचनाएं हैं और 71% परिवारों के एसी ही संरचनाओं में अपने निवास हैं। गुजरात, हरियाणा, जम्मू और कश्मीर, महाराष्ट्र, पंजाब, राजस्थान, सिक्किम, उत्तर प्रदेश, पश्चिम बंगाल, अंडमान और निकोबार द्वीपसमूह, चंडीगढ़, दादर नागर और हवेली, दमण, दीव, दिल्ली और लक्षद्वीप में 70% परिवारों के घर पक्की संरचनाओं में हैं। चंडीगढ़, दादरा और नागर हवेली तथा लक्षद्वीप में कोई परिवार कच्ची संरचना में रहता हुआ सूचित नहीं किया है। शहरी भारत में केवल 11% परिवार कच्चे घरों में तथा 18% अर्द्ध पक्के घरों में रह रहे सूचित किए गए।

4.3 आवासों की संरचना की स्थिति :—विवरण पत्र-2 से यह भी देखा जाता है कि दोनों क्षेत्रों में खराब संरचना, जैसी आशा की जा सकती है, का उच्चतम समानुपात कच्चा श्रेणी में ही होता है। वास्तव में कच्चे घर चाहे उन्हें "खराब" के रूप में वर्गीकृत न किया गया हो, बहुत ही न्यूनतम आश्रय द्रोत

है और प्राकृतिक विपदाओं और सामाजिक उन्मूलन दोनों विनाश के प्रति अति संवेदनशील होते हैं। इन मकानों को पक्के अथवा कम से कम अर्ध पक्के मकानों में बदलने के लिए समुचित आवास नीति बनानी चाहिए। पक्का तथा अर्ध पक्की संरचनाओं में खराब मकानों पर तुरन्त ध्यान देने की आवश्यकता है। तथापि इन श्रेणियों में ऐसे मकानों का समानुपात अपेक्षाकृत कम है। कच्चे मकानों में रहने वाले सभी परिवारों में से खराब कच्चे मकानों में रह रहे परिवारों का समानुपात दमण और दीव तथा लक्षद्वीप (100%) के ग्रामीण क्षेत्र में सबसे अधिक है। समस्त भारत स्तर पर ग्रामीण क्षेत्र में समानुपात 42% और शहरी क्षेत्र में 56% है।

4.4 स्लम/बस्ती क्षेत्र में रह रहे परिवार :—स्लम/बस्ती क्षेत्र की परिभाषा से यह स्पष्ट होता है कि भारत में विद्यमान आवास स्थिति की जानकारी के लिए स्लम/बस्ती में रहने वालों के बारे में सूचना की आवश्यकता है। विवरण-3 (अंग्रेजी रूपान्तरण देखें) से यह अभिलिखित होता है कि ग्रामीण परिवारों का 6% स्लम/बस्ती क्षेत्र में रहता है और उनका 47% कच्चे मकानों में रहता है। ग्रामीण अरुणाचल प्रदेश के स्लम/बस्ती क्षेत्र में रह रहे परिवारों का प्रतिशत अधिकतम (48.55%) है, इसके बाद पाण्डिचेरी (28.93%) का स्थान है। शहरी भारत में 14.68% परिवार स्लम/बस्ती में रहने वाले थे जिनमें से 26.02% कच्चे मकानों में रह रहे थे। यह देखा जाता है कि निम्नलिखित राज्यों/संघ शासित क्षेत्रों के ग्रामीण क्षेत्रों में कच्चे मकानों में रह रहे स्लम/बस्तीवासियों की अधिकता अरुणाचल प्रदेश (65.12%), असम (72.99%), उड़ीसा (79.47%), तमिलनाडु (62.36%), विपरा (80.00%), पश्चिम बंगाल (71.90%), अंडमान और निकोबार द्वीप समूह (100.00%) और अरुणाचल प्रदेश (96.89%), मिजोरम (79.06%) और पाण्डिचेरी (73.14%) था। शहरी भारत में स्लम/बस्तीवासियों में से 50% से कम कच्चे मकानों में रहने थे। इनमें अपवाद उत्तर-पूर्वी भारत में असम, मणिपुर और अरुणाचल प्रदेश तथा दक्षिण भारत में तमिलनाडु और पाण्डिचेरी है।

4.5 आवासीय इकाई के प्रकार के अनुसार परिवारों का वितरण :—विवरण पत्र-4 (अंग्रेजी रूपान्तरण देखें) दर्शाता है कि ग्रामीण तथा शहरी भारत में अधिकांशतः स्वतंत्र मकान है। जैसा कि अनुमान है ग्रामीण परिवारों का 83% और शहरी परिवारों का 52% स्वतंत्र मकानों में रहता है। शहरों (बम्बई, दिल्ली, मद्रास, कलकत्ता) में ग्रामीण क्षेत्र तथा भारत के शेष शहरी क्षेत्र से भिन्न अधिकांश परिवार फ्लैटों (30.97%) तथा चालों (28.00%) में रहते हैं।

4.6 पेय जल के स्रोत :—पेय जल की उपलब्धता सबसे महत्वपूर्ण मानवीय आवश्यकता है। विवरण-5 (अंग्रेजी रूपान्तरण देखें) दर्शाता है कि पेयजल के लिए ग्रामीण, शहरी तथा नगर निवासी किस सीमा तक विभिन्न स्रोतों पर निर्भर करते हैं। यह देखा

जाता है कि समस्त भारत पर ग्रामीण परिवारों का केवल 15% पेय जल के मुख्य स्रोत के रूप में नल का प्रयोग करते हैं। जबकि कुएं और नलकूप/हैण्ड पंप के लिए तदनुसूची प्रतिशत 39% है। ग्रामीण क्षेत्र से भिन्न शहरी क्षेत्रों और नगरों में रहने वाले परिवारों के लिए पेय जल का मुख्य स्रोत नागरिक जल आपूर्ति प्रणाली (नल) है। शहरी भारत और नगरों में नल के पानी पर निर्भर परिवारों की प्रतिशतता लगभग क्रमशः 72 और 81 है। कुएं और नलकूप/हैण्डपंप के लिए शहरी भारत में तदनुसूची प्रतिशतता क्रमशः 9 और 17 है, जबकि नगरों में यह प्रतिशतता 2 और 14 है।

4.7 विवरण-6 (अंग्रेजी रूपान्तरण देखें) पेय जल के प्रमुख स्रोत के रूप में नल को सूचित करने वाले ग्रामीण परिवार के समानुपात दर्शाता है। इससे यह संकेत मिलता है कि सुवाह्य जल आपूर्ति योजना किस सीमा तक गांवों तक पहुंची है। छोटे राज्यों और संघ शासित क्षेत्रों को छोड़कर इस मामले में अत्यधिक प्रणाली राज्य गुजरात, हिमाचल प्रदेश, सिक्किम, अंडमान और निकोबार द्वीप समूह, अरुणाचल प्रदेश, चण्डीगढ़, दिल्ली और पाण्डिचेरी है। इस मामले में उड़ीसा की स्थिति सबसे खराब है इसके तुरन्त बाद बिहार और पश्चिम बंगाल का नंबर आता है। ग्रामीण लक्षद्वीप में नल का पेय जल के स्रोत के रूप में कोई अस्तित्व नहीं है।

4.8 प्रयुक्त शौचालय का प्रकार :—ग्रामीण भारत में शौचालयों की स्थिति आज भी विपत्तिकारक है। विवरण-7 (अंग्रेजी रूपान्तरण देखें) से देखा जा सकता है कि 90% ग्रामीण परिवारों के शौचालय नहीं हैं और वे शायद शौचालय के रूप में खूले खेतों का प्रयोग करते हैं। शहरों में फ्लैश प्रणाली बहुत प्रचलित है, लगभग 60% परिवार इस प्रणाली का प्रयोग करते हैं जबकि शहरी भारत में समग्र रूप से लगभग 27% लोग इस प्रणाली का प्रयोग करते हैं। सर्विस शौचालय का विस्तार (शहरी जीवन का बदतर अभिशाप) केवल 7% नगरों में ही है, फिर भी यह संपूर्ण शहरी क्षेत्र में अब भी 12% है। यह विस्तार छोटे नगरों में और भी अधिक है।

4.9 विद्युतीकृत आवासों में रह रहे परिवारों का अनुपात :—विवरण-8 (अंग्रेजी रूपान्तरण देखें) प्रत्येक राज्य/संघ शासित क्षेत्र और समस्त भारत के लिए विद्युतीकृत आवासों में रह रहे परिवारों की प्रतिशतता प्रस्तुत करता है। यह देखा जाता है कि ग्रामीण भारत में लगभग 27% परिवारों के पास बिजली है और शहरी भारत में तदनुसूची समानुपात 75% है। जैसी आशा थी सभी राज्यों/संघ शासित क्षेत्रों के बारे में शहरी क्षेत्र में ग्रामीण क्षेत्र के मुकाबले विद्युतीकृत आवासों में रह रहे परिवारों का प्रतिशत उच्चतर है परन्तु असम, बिहार, उड़ीसा, उत्तर प्रदेश और पश्चिम बंगाल नामक कुछ राज्यों के ग्रामीण क्षेत्र में हालत वास्तव में बहुत बुरी है। उक्त राज्यों में विद्युतीकृत आवासों में केवल 8.67%, 45.2%, 10.71%, 8.94%, और 5.51% परिवार रह रहे थे। यद्यपि दक्षिण

भारत के आन्ध्र प्रदेश, कर्नाटक, केरल और तमिलनाडु के ग्रामीण क्षेत्रों में विद्युतीकृत आवासों में रह रहे परिवारों का प्रतिशत समस्त भारत के औसत से अधिक पाया गया फिर भी इन राज्यों में आधे ग्रामीण परिवार अभी भी इस सुविधा से वंचित हैं। यह देखा जाता है कि अधिकांश राज्यों में ग्रामीण विद्युतीकरण सन्तोषजनक नहीं है। लगभग 75% शहरी परिवार विद्युतीकृत आवासों में रहते हैं; पश्चिमी और उत्तरी राज्यों (उत्तर प्रदेश को छोड़कर) में विद्युतीकृत आवासों में रह रहे परिवारों का प्रतिशत समस्त भारत औसत से अधिक है जबकि उड़ीसा, कर्नाटक, उत्तरी पूर्वी राज्यों/संघ शासित क्षेत्र अण्डमान और निकोबार द्वीपसमूह का छोड़ कर सभी पूर्वी और दक्षिणी राज्यों/संघ शासित क्षेत्रों में यह समस्त भारत की औसत से कम है। विद्युतीकरण, विशेष रूप से ग्रामीण विद्युतीकरण के मामले में, उड़ीसा, पश्चिम बंगाल, बिहार और असम नामक चार पूर्वी राज्यों ने क्षेत्र कोयले और जल शक्ति के प्राकृतिक संसाधनों से भरपूर होने के बावजूद न्यूनतम निष्पादन प्रदर्शित किया है।

4.10 आवास इकाई का स्वामित्व :—आवास हमारे देश की जटिल समस्या है। इसकी गम्भीरता की सीमा का पता लगाने के लिए आवास इकाइयों के स्वामित्व की स्थिति का अध्ययन करना आवश्यक है। विवरण-9 में दिए गए परिणामों से यह स्पष्ट है कि ग्रामीण भारत में अधिकांश परिवार (91.25%) अपने मकानों में रहते हैं जबकि शहरी भारत और शहरों में तदनुरूपी प्रतिशत क्रमशः 54.74% और 43.43% है। भारत के भिन्न-भिन्न भागों से लोग शहरों में वहाँ उपलब्ध सुविधाओं के लिए आते हैं जिसके परिणाम स्वरूप शहरों में रहने वाले परिवारों से 47.70% किरायेदार हैं। ग्रामीण भारत में यह प्रतिशत नगण्य अर्थात् 3.35% है।

4.11 किराये के मकानों में रह रहे परिवारों का वितरण :— विवरण-X और विवरण IX (अंग्रेजी रूपान्तरण देखें) प्रत्येक राज्य/संघ शासित क्षेत्र, समस्त भारत के शहरी क्षेत्र और चार महानगरों के लिए किराये के मकानों में रह रहे परिवारों का समानुपात तथा प्रति परिवार औसत मासिक किराया प्रदर्शित

करते हैं। यह देखा जाता है कि शहरी परिवारों में से 36.93% किराये के मकानों में रहते हैं। सिक्किम और चण्डीगढ़ को छोड़कर प्रत्येक राज्य/संघ शासित क्षेत्र के लिए शहरी परिवारों में से 50% प्रतिशत किराये के मकानों में रह रहे हैं।

शहरी भारत में किराये के मकानों में रह रहे परिवारों का प्रति परिवार औसत मासिक किराया 164.43 रु. है। औसत मासिक किराया दिल्ली (336.80 रु.) में अधिकतम तथा पश्चिम बंगाल (105.30 रु.) न्यूनतम है। चार महानगरों में से कलकत्ता और मद्रास में 50% परिवार किराये के मकानों में रहते हैं जबकि बम्बई और दिल्ली में तदनुरूपी प्रतिशत क्रमशः 48.00 और 37.04 है जैसा कि विवरण IX से स्पष्ट है। (अंग्रेजी रूपान्तरण देखें)

4.12 वर्तमान सर्वेक्षण से प्राप्त कुछ मुख्य अनुमानों की तुलना राष्ट्रीय प्रतिदर्श सर्वेक्षण के पिछले तीन दौरों 38वां 42वां और 43वां दौर के उपभोक्ता व्यय सर्वेक्षण से प्राप्त इसी प्रकार के अनुमानों से की जाती है और विवरण-पत्र- XII (रूपान्तरण देखें) प्रस्तुत किया जाता है।

यह देखा जाता है कि समय के साथ-साथ पक्के मकानों में रहने वाले परिवारों का समानुपात बढ़ा है जबकि कच्चे मकानों में रहने वाले परिवारों का समानुपात लगातार घटा है। 44वां दौर के सर्वेक्षण आंकड़ों पर आधारित अनुमान विशेष रूप से शहरी क्षेत्र में पक्के मकानों की संख्या में महत्वपूर्ण वृद्धि दर्शाते हैं। किराये के मकानों में रहने वाले परिवारों के समानुपात में दौरों के दौरान कोई ठोस परिवर्तन नहीं देखा जाता है। यह देहना आश्चर्यजनक है कि ग्रामीण भारत में पंगे जल के मुख्य स्रोत के रूप में नल का पानी प्रयोग करने वाले परिवारों का अनुपात 42वें दौर सर्वेक्षण परिणामों की तुलना में आंशिक रूप से घटा है। शौचालय की व्यवस्था रहित परिवारों का समानुपात ग्रामीण भारत में 2.4% और शहरी भारत में 15.5% तक आंशिक रूप से कम हुआ है। विद्युतीकरण के मामले में ग्रामीण तथा शहरी दोनों क्षेत्रों में कोई विशेष सुधार दिखाई नहीं देता।

## ERRATA

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Sl. No.	Page	Para/Table	Column	Line/Row	For	Read
1	2	3	4	5	6	7
1.	23	Estimation Procedure			i=rubscript	i=subscript
2.	39	6	—	22	368	363
3.	42	1.0	27	—	n	in
4.	45	—	6	19	434	424
5.	46	2	—	1	nuclei	nuclei is
6.	S-12	9	9	—	60	60 or more
7.	S-14	12	1	5	(unbrunt)	(Unburnt)
8.	S-55	4	heading	7	estimate	estimated
9.	S-101	11	heading	1	comporations	corporations
10.	S-123	10	9	—	3081	3061
11.	S-158	4	4 & 5	heading	Structure	Structure
12.	S-159	6	17	5	47	77
13.	S-165	10	7	15	33140	3140
14.	S-174	1	3	—	Less 10	Less than 10
15.	S-186	13	heading	—	SDWELLING	DWELLING
16.	S-186	13	11	1	20·49	2·49
17.	S-186	13	14	1	85·36	100·00
18.	S-187	13	15	5	71·97	61·97
19.	S-238	14	2	9	90-90	80—90
20.	S-250	18	2	5	39·83	38·83