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Some Characteristics in Urban Slums in Gujarat

**NSS 65th Round,
State Sample - Gujarat State
(July-2008 to June 2009)**

**DIRECTORATE OF ECONOMICS AND STATISTICS
GOVERNMENT OF GUJARAT
GANDHINAGAR**

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Directorate of Economics and Statistics
Government of Gujarat
Sector - 18, Gandhinagar

Preface

The National Sample Survey Office (NSSO) conducted countrywide survey of rural and urban areas of the country in the 65th round of NSS during July 2008 – June 2009. The survey comprised enquiries on (i) domestic tourism (ii) housing condition (iii) condition of urban slums. This report presents the results based on Schedule-0.21 ‘Characteristics of Urban Slums’ canvassed in this survey.

The aim of the survey is to collect information on the present condition of the slums and on recent changes, if any, in the condition of facilities available therein. Both ‘Notified slums’ areas and ‘Non-notified slums’ are surveyed.

The present report contains information relating to 2008-09 on ownership, area type, structure, living facilities like electricity, drinking water, latrine, sewerage, drainage, garbage disposal, and distance of slums from the nearest primary school and government hospital and health centre. It also provides information on the change in the condition of the slums during the five years preceding the date of survey.

The data collected through this survey for the state sample has been analyzed and important results are presented here.

We hope that the report will be useful to the administrators, planners, researchers and those who are involved in the process of economic development of the State. Comments and suggestions on the report are welcome.

Gandhinagar
January-2013

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INDEX

No.	Contents	Page No.
I	Highlights	A
II : Chapter - 1	Introduction	1-2
III : Chapter - 2	Concepts and Definitions and Procedures	3-5
IV : Chapter - 3	Summary of Findings	6-17
V: Appendix - A	Detail Tables	1-45

Highlights

- ❖ For this survey, conducted during July 2008 to June 2009, urban areas notified as slums by respective municipalities, corporations, local bodies or development authorities were treated as “notified slums”. A “non-notified slum” was a compact urban area with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions. All such slums, notified or non-notified, were considered as ‘slum’ for the purpose of the survey, if at least 20 households lived in such a slum within the selected urban block. In the 160 urban blocks surveyed out of the allotted random sample of 160 urban blocks during the 65th round, as state sample there existed 10 notified and 26 non-notified slums.
- ❖ About 1799 slums were estimated to be existence in urban Gujarat in 2008-09, 11% of them were located along *nallahs* and drains and 17% along riverbank.
- ❖ About 75% of slums were built on public land, owned mostly by local bodies, state government, etc.
- ❖ In 96% of notified slums, a majority of the dwellings were pucca, the corresponding percentage for the non-notified ones being 75%.
- ❖ For 99% slums, the major source of drinking water was tap.
- ❖ All notified and non-notified slums have electricity connection.
- ❖ About 46% of notified slums and 75% of the non-notified slums had both a pucca road inside the slum and a motorable approach road.
- ❖ The sanitary conditions in the slums in terms of latrine facility during 2008-09. Latrines with septic tanks (or similar facility) were available in 32% notified and 37% non-notified slums. At the other extreme, 4% notified and 6% non-notified slums did not have any latrine facility at all.
- ❖ About 53% notified and 25% non-notified slums did not have any drainage facility. Underground drainage systems or drainage systems constructed of pucca materials existed in about 46% notified slums and 39% non-notified slums.
- ❖ Government agencies were collecting garbage from 96% notified and 82% non-notified slums. Among these slums, garbage was collected at least once in 7 days in 100% notified and 99% non-notified slums. About 3% non-notified slums did not have any regular mechanism for garbage disposal.

Chapter One

Introduction

- 1.1 The present survey – carried out in the 65th round of NSS – was thus the statewide NSS survey of slums. It relates to the period July 2008 to June 2009. This survey, too, dealt with the availability and not the adequacy of facilities available in the slums. The aim was to collect information on the present condition of the slums and on the change in the condition of some facilities available therein. This survey was confined to the urban sector. Only slums found in the randomly selected urban blocks were surveyed.
- 1.2 **Objective of the 65th Round Survey of Slums:** The main aim of the survey on condition of slums was to portray the condition of the urban slums, both notified and non-notified, with respect to infrastructural facilities like the area where the slum was located, road within and approaching the slum, electricity, drinking water, sewerage, drainage, garbage disposal, etc. It was also attempted to assess the proportion of slums where certain specific facilities had improved/deteriorated over the last five years.
- 1.3 **Geographical Coverage:** The survey covered the whole of the State.
- 1.4 **Sample Design:** A stratified sampling design was adopted for selection of the sample first-stage units (FSUs). The FSUs for the survey on condition of slums were Urban Frame Survey (UFS) blocks in urban areas. Information was collected on each slum, notified or non-notified, found in the entire area of the selected first stage units. In some cases, the area of a slum was very large and extended beyond the selected FSU. In such cases, information was collected only for the part of the slum falling within the sample FSU. For a notified slum, too, only the part of the slum falling within the sample FSU was considered as one slum and surveyed as such. It may be noted that if a slum cut across more than one FSU, all the slum particulars recorded would relate to the part of the slum which fell in the selected FSU.
- 1.5 **Sub-rounds:** The entire survey period (1st July 2008 - 30th June 2009) was divided into four sub-rounds of three months' duration each (Sub-round 1: July-September 2008, Sub-round 2: October-December 2008, Sub-round 3: January-March 2009, Sub-round 4: April-June 2009) and an equal number of sample blocks were allocated to each sub-round. Each FSU was surveyed during the sub-round period to which it was allocated. Within a particular sub-round, the field-work was spread out uniformly over the different months to the extent possible.

1.6 **Sample Size:** This report is based on the State sample, that is, the blocks surveyed by NSS of Directorate of Economics & Statistics. A total of 160 FSUs (i.e., UFS blocks) were selected for the State sample in this survey, of which 160 could be surveyed (a response rate of 100 percent). At the Gujarat level, a total of 36 slums were covered in these surveyed urban blocks. The numbers of sample blocks allotted for survey and actually surveyed, along with the numbers of notified and non-notified slums surveyed, are given in Statement 1.

1.7 **Mode of Data Collection:** Unlike household surveys where data are collected from a member of each household selected for the survey, data were collected in this survey for the entire slum from knowledgeable persons as judged by survey officials. Statement 2 shows the distribution of the slums surveyed by type of informant. Most of the data was qualitative, and was recorded in code.

1.11 **Presentation of Results:** The relevant concepts and definitions used in this survey are presented in Chapter Two. The summary of findings based on the survey data is discussed in Chapter Three.

Statement 1: Number of sample blocks allotted and surveyed, number of sample slums surveyed

Estimation from	Number of sample blocks		Number of sample slums		
	Allotted	Surveyed	Notified	Non-notified	All
State sample	160	160	10	26	36
Central sample	248	248	18	39	57

Statement 2: Percentage distribution of sample slums by type of informant;

Estimation from	Notified slum				Non-notified slum			
	Knowledgeable persons from the slum		Others	No. of sample slums	Knowledgeable persons from the slum		Others	No. of sample slums
	Male	Female			Male	Female		
State sample	10	0	0	10	25	1	0	26
Central sample	94	6	0	18	95	5	0	39

Chapter Two

Concepts, Definitions and Procedures

- 2.1 For collection of data on the condition of slums, certain concepts and definitions were used in the survey. These are explained below.
- 2.2 **Slum:** A slum is a compact settlement with a collection of poorly built tenements, mostly of temporary nature, crowded together usually with inadequate sanitary and drinking water facilities in unhygienic conditions in that compact area. Such an area, for the purpose of this survey, was considered as a “**slum**” if at least 20 households lived in that area. Areas notified as slums by the respective municipalities, corporations, local bodies or development authorities were treated as “**notified slums**”. For this survey, only slums in urban areas were considered. If a slum lay partly within a sample urban block, the part of it within the sample block provided it contained at least 20 households was considered a slum for the purpose of the survey. This applied to both notified and non-notified slums.
- 2.3 **House:** Every structure, tent, shelter, etc. was considered as a house irrespective of the nature of its use. It might be used for residential or non-residential purpose or both or even might be vacant.
- 2.4 **Household:** A group of person’s normally living together and taking food from a common kitchen constituted a household. The members of a household might or might not be related by blood to one another.
 - 2.4.1 Each inmate (including residential staff) of a hostel, mess, hotel, boarding and lodging house, residential institutions for disabled, etc. constituted a single member household. If, however, a group of persons among them normally pooled their income for spending, they together were treated as forming a household. For example, a family living in a hotel was treated as a separate household by itself.
 - 2.4.2 In deciding the composition of a household, more emphasis was placed on 'normally living together' than on 'ordinarily taking food from a common kitchen'. In case the place of residence of a person was different from the place of boarding, he or she was treated as a member of the household with whom he or she resided.
 - 2.4.3 A resident employee, or domestic servant, or a paying guest (but not just a tenant in the household) will be considered as a member of the household with whom he or she resides even though he or she is not a member of the same family.

- 2.4.4 When a person sleeps in one place (say, in a shop or in a room in another house because of space shortage) but usually takes food with his or her family, he or she should be treated not as a single member household but as a member of the household in which other members of his or her family stay.
- 2.4.5 If a member of a family (say, a son or a daughter of the head of the family) stays elsewhere (say, in hostel for studies or for any other reason), he/ she will not be considered as a member of his/ her parent's household. However, he/ she will be listed as a single member household if the hostel is listed.
- 2.5 **Pucca structure:** A pucca structure was one having walls and roofs made of “pucca materials”.
- 2.5.1 **Pucca and non-pucca materials:** In the present survey, cement, concrete, oven burnt bricks, hollow cement/ash bricks, stone, stone blocks, jack boards (cement plastered reeds), iron, zinc or other metal sheets, timber, tiles, slate, corrugated iron, asbestos cement sheet, veneer, plywood, artificial wood of synthetic material and polyvinyl chloride (PVC) material constituted the list of pucca materials. All other materials were classified as “non-pucca materials”. Non-pucca materials included unburnt bricks, bamboo, mud, grass, leaves, reeds, thatch, etc.
- 2.6 **Katcha structure:** A structure having both roof and walls made of non-pucca materials was called a katcha structure. Katcha structures could be of the following two types:
- (a) **‘Unserviceable katcha,’** which included all structures with thatch walls and thatch roof i.e. walls made of grass, leaves, reeds etc. and roof of a similar material, and
 - (b) **‘Serviceable katcha’**, which included all katcha structures other than unserviceable katcha structures.
- 2.7 **Semi-pucca structure:** The term was used for a structure that had either the walls or the roof, but not both, made of pucca materials.
- 2.8 **Type of latrine:** Latrines serviced by scavengers were called “service latrines”. A latrine connected to an underground sewerage system was called a “flush system latrine”. A latrine connected to underground septic chambers was called a “septic tank latrine”. A latrine connected to a pit dug in earth was called a “pit latrine”. Information on type of latrine was recorded for the slum as a whole, which means that the type used most commonly by the slum dwellers, was recorded.
- 2.9 **Underground Sewerage system:** This means a system of underground pipes or conduits for carrying off drainage water discharge from water closets, etc.

- 2.10 **Drainage system:** This means a system for carrying off waste water and liquid wastes of the area.
- 2.11 **Garbage disposal:** In the urban areas, some arrangements usually exist to carry away the refuse and waste of households to some dumping place away from the residential areas. In some places, the public bodies collect the garbage from the premises of the household or from some fixed points in the locality where the residents put their garbage. In some places, a body of residents themselves makes the arrangement of carrying the garbage to the dumping place away from residential areas without participation of any public body till the final disposal. Information on the arrangement prevailing for the colony/ locality of the slum was obtained in the survey.
- 2.12 **Distance of slum from nearest facility (government primary school, government hospital/ health centre):** The distance from the centre of the slum to the nearest facility of the type in question (e.g. government primary school, government hospital/health centre) availed by/available to the slum dwellers was considered.

Chapter Three

Summary of Findings

- 3.1 As mentioned in Chapter One, this report presents estimates of some characteristics of slums such as number of slums, approximate number of households living in the slums, categorization of slums by type of structure of the majority of the households, major source of drinking water, availability of electricity connection, type of road within and approaching the slum, latrine facility, underground sewerage system, drainage system, garbage disposal mechanism in vogue for the slum dwellers, etc. The slum profile on these characteristics is provided in respect of notified as well as non-notified slums. Correspondingly, the survey findings will also throw light on some aspects of social consumption amenities such as availability of schools and hospitals in the vicinity of slums. Further, the report discusses changes, if any, in the condition of the slum with reference to these characteristics over time.
 - 3.1.1 The survey results are taken up first at the Gujarat level, separately for the notified and non-notified slum areas.
 - 3.1.2 In the tables, the results have been presented for ‘notified, ‘non-notified’ and ‘notified and non-notified combined’ (i.e., all) slums. The term ‘slum’ has been used in general to refer to both the notified and non-notified slums. For the ten selected States for which results have been presented, at least one sample slum was found to have been surveyed in both the categories, viz., notified and non-notified.
 - 3.1.3 The estimates provided at the disaggregate level in this report may be used taking into consideration the number of surveyed slums on which the estimates are based.
- 3.2 Information was collected in respect of 36 slums selected as per the design of random sampling adopted, covering the entire State. Of these 36 sampled slums 10 (28%) were notified slums.
- 3.3 **Number of slums:** Statement 3 presents percentage of notified and non-notified slums. From Statement 3 it is seen that during July 2008 to June 2009, about 1799 slums – according to the survey estimates – existed in the urban areas of Gujarat. The total number of urban slums was estimated as 1799 and about 41% of them were notified.

Statement 3: Percentage of notified and non-notified slums

Estimation from	Percentage notified	Percentage Non-notified	No. of sample slums
State sample	41.0	59.0	36
2008-2009: estimated no. of slums: 1799			
Central sample	39.9	60.1	57
2008-2009: estimated no. of slums: 3360			

(Source: Appendix Table 3)

3.4 **Ownership of land:** Statement 4 presents the distribution of slums by type of ownership of land on which the slums were located. At the Gujarat level, about 60 per cent of the notified slums were on private land and 40 per cent on public land. The corresponding estimates for the non-notified slums were 6 per cent (private land) and 94 per cent (public land).

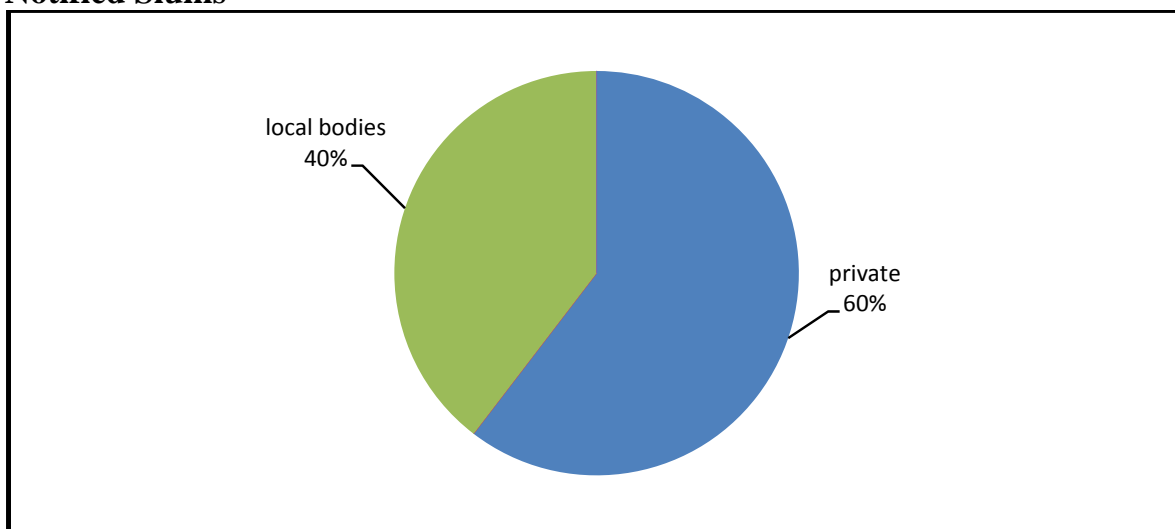
3.4.1 A further look into the ownership pattern of public land occupied by the slums (Chart 1) reveals that about 40 per cent of the notified slums and 87 per cent of the non-notified slums were built on land belonging to local bodies like municipalities. About 0.7 per cent of non-notified slums were built on land belonging to the Railways. Other public authorities like Defense, Airport, Highway Authorities or State governments accounted for the ownership of about 6 percent of non-notified slums.

Statement 4: Percentage distribution of slums in Gujarat by type of ownership of land

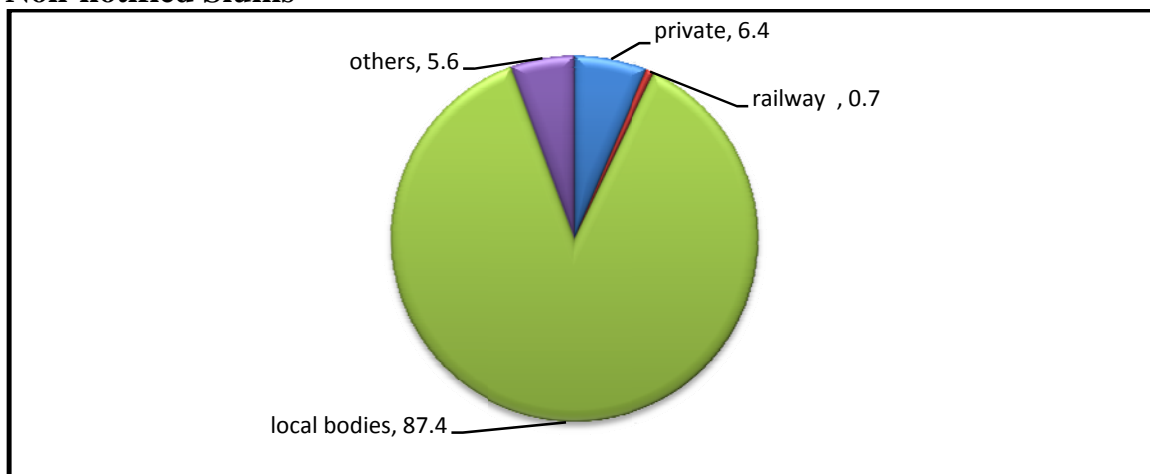
Estimation from	Notified			Non-notified		
	Private	Public	Not known/n.r.	Private	Public	Not known/n.r.
State sample	60.4	39.6	0.0	6.4	93.6	0.0
Central sample	50.3	49.7	0.0	19.9	73.5	6.6

(Source: Appendix Table 4)

Chart 1: Distribution of slums* by type of ownership of land; Gujarat Notified Slums



Non-notified Slums



*excluding those for which information on ownership could not be obtained

3.4.2. **Location of the slum:** Statement 4a shows the percentage distribution of slums by location: along *nallahs*/drains, along railway lines, on river banks, river beds, and other areas. An estimated 11% of all slums were located along *nallahs* and drains and 3% along railway lines.

Statement 4a: Percentage distribution of slums by location of slums

Location	Notified	Non-notified	All
Along nallah/drain	5.3	14.7	11.4
Along railway line	3.0	3.3	3.2
River bank	28.3	11.2	17.2
River bed	0.0	0.4	0.3
Others	63.4	70.4	67.9
All	100	100	100

(Source: Appendix Table 22)

3.5 **Structure of majority of houses:** Information on the type of structure of the houses was not collected separately for each house in the selected slums but obtained in respect of the majority of the houses. The type of structure was classified into three categories, viz., 'pucca', 'semi-pucca' and 'katcha'. Statement 5 shows that slums with the majority of the households living in *pucca* structures constituted about 96 per cent of notified slums and 75 per cent of non-notified slums in 2008-09.

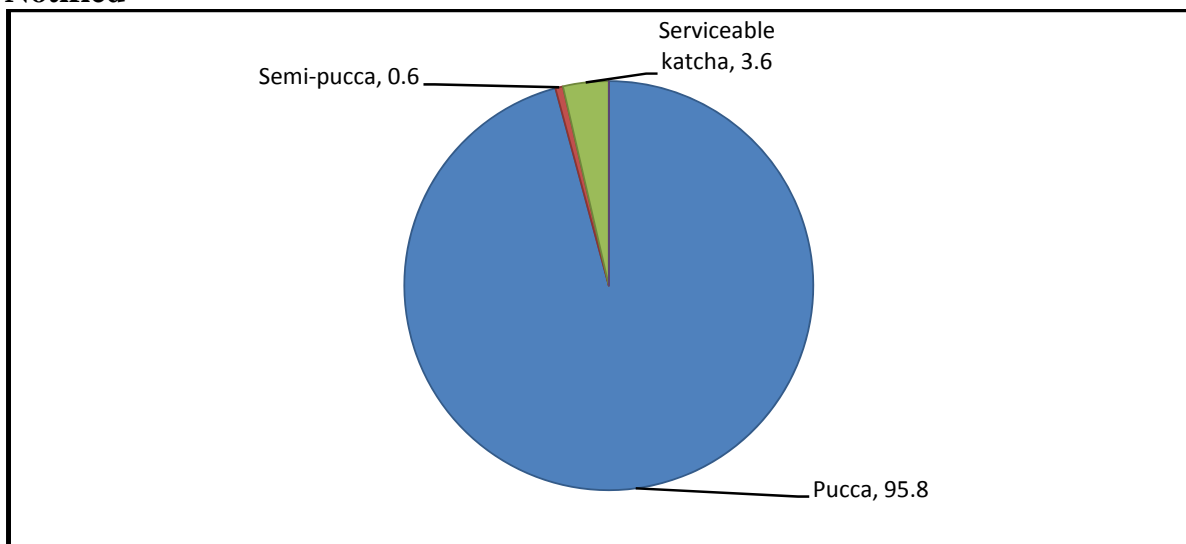
Statement 5: Percentage distribution of slums in Gujarat by type of structure of majority of houses

Estimation from	Notified			Non-notified		
	Pucca	Semi-pucca	Katcha	Pucca	Semi-pucca	Katcha
State sample	95.8	0.6	3.6	74.6	14.0	11.4
Central sample	14.0	65.9	20.1	28.5	38.3	33.2

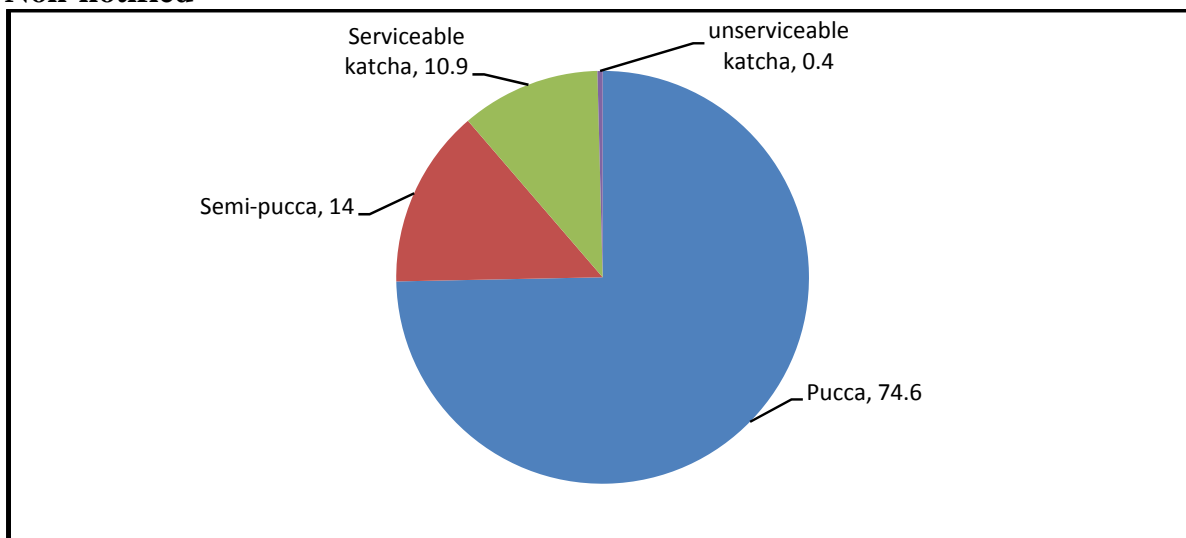
(Source: Appendix Table 6)

Chart 2: Percentage distribution of slums by type of structure of majority of houses

Notified



Non-notified



3.6 **Major Source of Drinking Water:** From Statement 6 it is seen that during 2008-09, although the proportion of slums using Tap as major source of drinking water,

Statement 6: Percentage distribution of slums in Gujarat by major source of drinking water

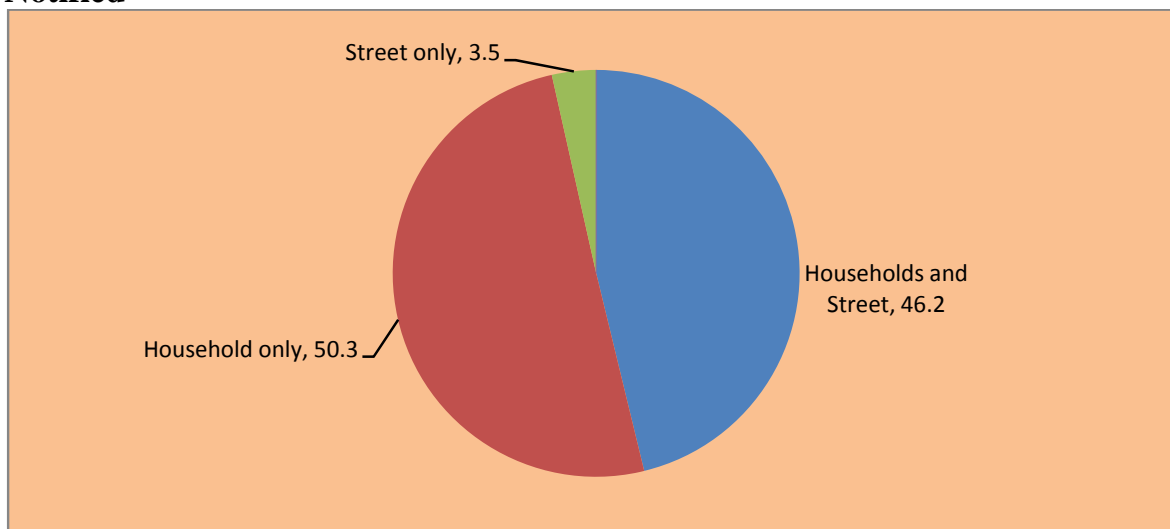
Estimation from	Notified				Non-notified			
	Tap	Tube well	well	Others	Tap	Tube well	well	Others
State sample	100.0	0.0	0.0	0.0	98.0	2.0	0.0	0.0
Central sample	85.1	14.9	0.0	0.0	84.2	13.3	0.1	2.3

(Source: Appendix Table 7)

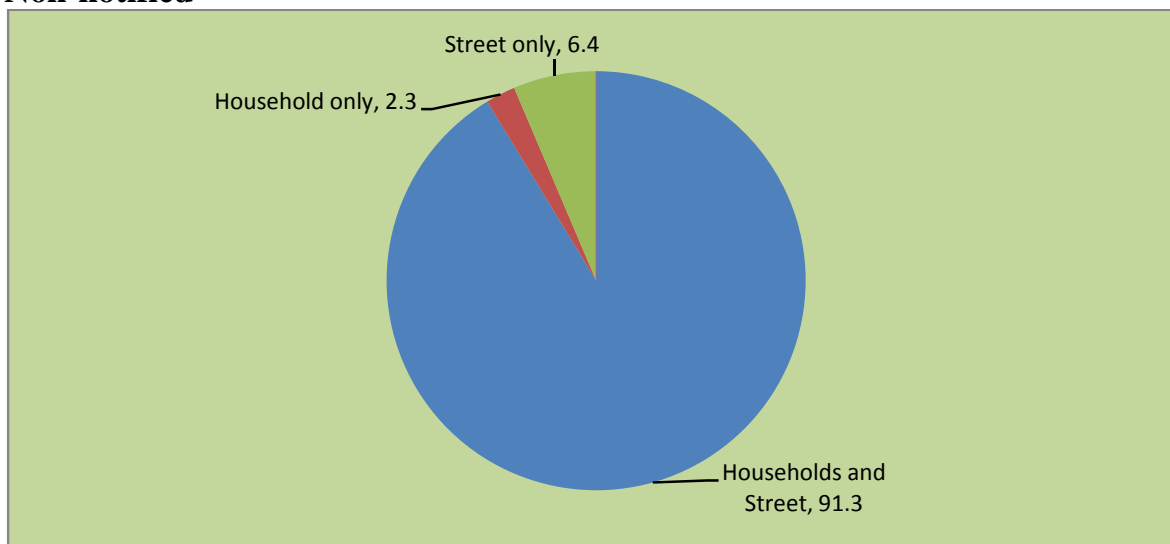
3.7 **Availability of Electricity:** Electricity connection in the slums may be for household use, street lights or both. The distribution of slums electricity was available is given in Statement 7, separately for notified and non-notified slums. The Gujarat scenario is shown in Chart 3. The slums at Gujarat level with electricity for both household purposes and street lighting is seen 46% in notified slums and 91% in non-notified slums.

Chart 3: Status of electricity connection available in slums:

Notified



Non-notified



Statement 7a: Percentage distribution of slums by type of availability of electricity connection

Estimation from	Notified				Non-notified			
	Households and Street	Household only	Street only	No electricity	Households and Street	Household only	Street only	No electricity
State sample	46.2	50.3	3.5	0.0	91.3	2.3	6.4	0.0
Central sample	14.6	70.2	15.3	0.0	56.7	19.1	13.9	10.4

(Source: Appendix Table 8)

- 3.8 **Roads within Slums and Approach Road to Slums:** Statement 8 shows the percentages of slums where the road within the slum used by the dwellers as main thoroughfare was *pucca*, and the percentage for which the main road leading to the slum area was of the (a) motorable *pucca* (b) non-motorable *pucca* kind. The quality of the main road within the slum is seen, with about 46% of the notified slums and 75% of the non-notified slums reporting that the main road within the slum was *pucca*. The proportion of slums with a *pucca* approach road was 46% for notified slums and 76% for non-notified slums.

Statement 8: Percentages of slums in Gujarat having pucca roads within the slum and having pucca approach roads to the slum

Estimation from	Pucca road within slum		Pucca approach road to slum			
	Notified	Non-notified	Notified		Non-notified	
			Motorable	Non-motorable	Motorable	Non-motorable
State sample	46.1	74.5	46.1	0.0	75.8	1.0
Central sample	19.4	30.8	71.6	1.7	53.2	19.2

(Source: Appendix Tables 9 and 10)

- 3.9 **Water logging During Monsoon:** The slum and whether the approach road to the slum, was usually waterlogged during the monsoon. In either case, the slum was classified as affected by water logging during the monsoon. The percentage of such slums among notified and non-notified slums is given in Statement 9. At the Gujarat level, the proportion of slums affected by water logging has 50% in the notified slums. In Non-notified slums, slums have not affected by water logging.

Statement 9: Percentage of slums in different States affected by water logging during monsoon

Estimation from	Notified slum		Non-notified slum	
	Water-logged	Not Water-logged	Water-logged	Not Water-logged
State sample	49.7	50.3	0.0	100.0
Central sample	59.4	40.6	53.3	46.7

(Source: Appendix Table 20)

- 3.10 **Availability of Latrine Facility:** At Gujarat level, the proportion of slums not having any latrine facility's 4% for notified slums and 6% of non-notified slums.

Statement 10: Percentage of slums in Gujarat having septic tank/ flush latrine and percentage of slums not having any latrine

Estimation from	No latrine		Septic tank/flush latrine	
	Notified	Non-notified	Notified	Non-notified
State sample	3.6	6.3	32.0	36.9
Central sample	38.5	47.9	20.0	26.4

(Source: Appendix Table 11)

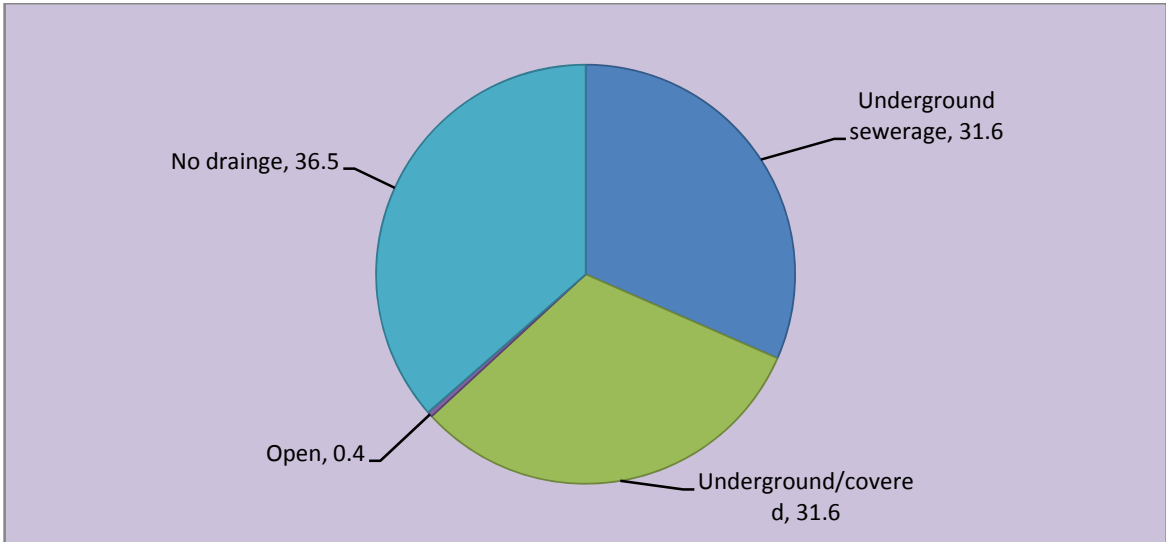
3.11 Sewerage System and Drainage Facility: The status of slums with reference to underground sewerage and different types of drainage facility available is presented in Statement 11 and the status with reference to drainage facility is shown in Chart 4. Columns (2) and (3) give the percentage of slums with underground sewerage. Columns (4) to (9) give percentages of slums with different types of drainage. In 2008-09, 46% of notified slums and 40% of non-notified slums had underground sewerage. The proportion of slums having underground drainage or covered drainage system constructed with *pucca* materials was 46% in notified slums – the share of slums with no open drainage and of those without any drainage was 53%. Among non-notified slums, the share of slums with underground or covered drainage system was 39%, those with open drainage were 36% and the share of those with no drainage was 25%.

Statement 11: Percentage of slums in Gujarat having underground sewerage and percentages of slums with different types of drainage

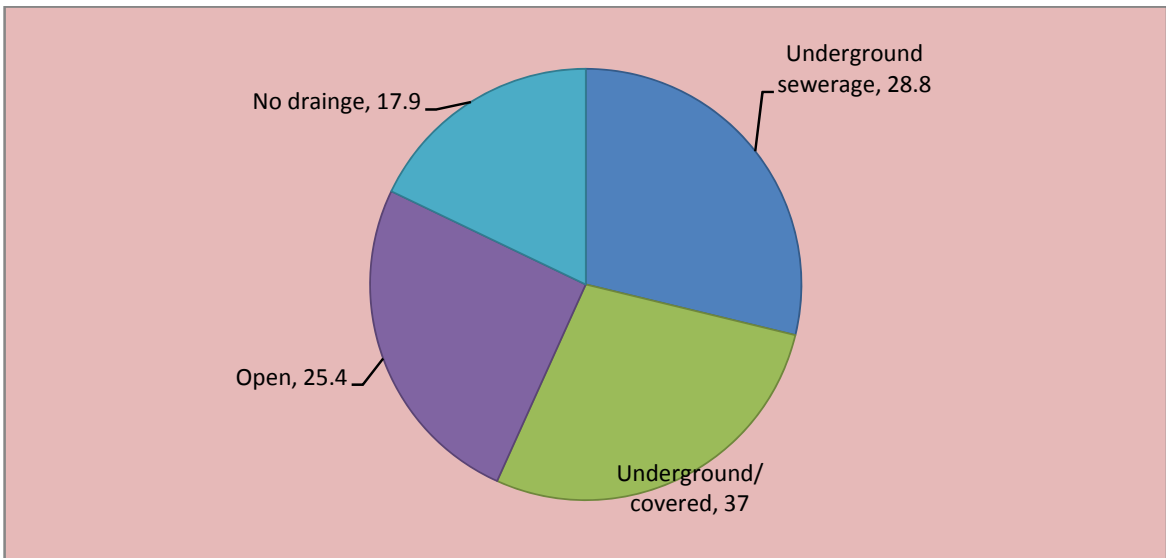
Estimation from	Underground sewerage		Type of drainage in					
	Notified	Non-notified	Notified			Non-notified		
			Underground/covered	Open	No drainage	Underground/covered	Open	No drainage
State sample	46.1	40.4	46.1	0.6	53.3	39.3	35.6	25.1
Central sample	14.3	18.4	21.2	16.7	62.1	19.4	40.7	39.9

(Source: Appendix Tables 12 and 13)

Chart 4: Status of types of drainage facility available to slums
Notified



Non-notified Slum



3.12 **Arrangement for Garbage Disposal:** Another dimension of civic sanitation in slums that needs to be looked into is the arrangement for garbage disposal. Statement 12a gives the percentage distribution of slums by type of agency disposing of the garbage, separately for the notified and non-notified slums. Statement 12b shows the percentage of slums, among slums having garbage disposal arrangement, where garbage was reported to be collected at least once in 7 days. Statement 12c shows the change in these percentages between 2002 and 2008-09, considering notified and non-notified slums together.

3.12.1 About 2% of the slums had no system of garbage disposal in 2008-09. Such slums constituted 3% of the non-notified slums in 2008-09 (Statement 12a). Government agencies were engaged in collection of garbage in 96% of notified slums and 82% of non-notified slums in 2008-09.

3.12.2 Among the slums where the system of garbage disposal was run by the government, about 99-100 per cent reported that collection of garbage took place at least once in 7 days. The percentage was much higher for slums where other agencies ran the system, 100% considering notified and non-notified slums together.

Statement 12a: Percentage distribution of slums in Gujarat by type of agency disposing of garbage

Estimation from	Percentage of notified slums with agency of garbage disposal			Percentage of non-notified slums with agency of garbage disposal		
	Gov.	Others	No arrangement	Gov.	Others	No arrangement
State sample	95.8	4.2	0.0	82.1	14.0	3.0
Central sample	35.5	2.3	62.2	41.0	26.3	32.7

Statement 12b: Percentage of slums in Gujarat having garbage collection at least once in 7 days

Estimation from	Percentage of notified slums having garbage collection at least once in 7 days among slums where agency of garbage collection is			Percentage of non-notified slums having garbage collection at least once in 7 days among slums where agency of garbage collection is		
	Gov.	Others	Any	Gov.	Others	Any
State sample	100.0	100.0	100.0	98.7	100.0	95.1
Central sample	100.0	0.0	35.5	99.6	21.7	46.7

(Source: Appendix Table 14 for Statement 12a and Appendix Table 21 for Statement 12b)

Statement 12c: Percentage distribution of all slums by agency of garbage disposal and percentage of slums having garbage collection at least once in 7 days among slums having garbage disposal arrangement

Estimation from	% of slums with garbage disposal done by			% of slums with garbage collection at least once in 7 days		
	Gov.	Others	No arrangement	Agency of garbage collection		
				Gov.	Others	Any
State sample	87.0	10.5	2.0	99.2	100.0	96.8

3.13 Availability of Government Primary School and Government Hospital:

In respect of availability of educational and health facilities it is seen from Statement 13a & 13b that about 95% of the slums had at least one Government primary school located within 1 km. Government hospitals were available within 1 km of 22% of non-notified slums and 92% of notified slums.

Statement 13a: Percentage of slums in Gujarat by distance from nearest Government primary school

Estimation from	Distance from nearest Government Primary school					
	Notified		Non-notified		All slums	
	Within 1 km	More than 1 km	Within 1 km	More than 1 km	Within 1 km	More than 1 km
State sample	100.0	0.0	92.9	7.1	95.4	4.6
Central sample	96.4	3.6	92.3	7.8	94.0	6.0

(Source: Appendix Table 16)

Statement 13b: Percentage of slums in Gujarat by distance from nearest Government hospital

Estimation from	Distance from nearest Government hospital					
	Notified		Non-notified		All slums	
	Within 1 km	More than 1 km	Within 1 km	More than 1 km	Within 1 km	More than 1 km
State sample	92.3	7.70	22.0	78.0	46.8	53.2
Central sample	47.9	52.1	40.1	59.9	43.2	56.8

(Source: Appendix Table 17)

3.14 Improvement of Facilities: For a number of facilities, including those discussed in the foregoing paragraphs, it was ascertained from the informants whether the facility had undergone any improvement or deterioration during the last five years. The facilities were: approach road, road within slum, water supply, street lights, electricity, latrine facility, sewerage, drainage, garbage disposal, educational facilities at primary level and medical facilities. The percentage of slums for which improvement was reported is given facility-wise and State wise in Statement 14. The estimates are given separately for the notified and non-notified slums.

3.14.1 Statement 15 shows the proportion of slums by direction of change in condition of different facilities, (i.e., improvement/ deterioration/ no change/ nonexistence in past and at time of survey) during last 5 years. This is presented separately for each facility at Gujarat level.

Statement 14: Percentage of slums in Gujarat reporting improvement in specific facilities

Estimation from	Road		Water Supply	Electricity	Street light
	Within	Approach			
State sample					
Notified	0.6	0.0	28.4	4.2	7.1
Non-notified	52.1	51.2	48.0	65.5	64.4
Central sample					
Notified	29.3	12.3	79.5	12.1	25.6
Non-notified	5.6	4.9	32.6	37.0	27.1

(Source: Appendix Tables 25 to 28) ... contd.

Statement 14 (contd.): Percentage of slums in Gujarat reporting improvement in specific facilities during last 5 years

Estimation from	Latrine	Drainage	Sewerage	Garbage Disposal	Education	Medical
State sample						
Notified	26.7	0.0	0.6	96.4	0.6	0.6
Non-notified	63.0	42.9	49.5	71.4	61.1	59.8
Central sample						
Notified	25.9	10.6	10.6	28.9	18.9	0.7
Non-notified	12.0	24.6	12.4	34.6	15.5	15.8

(Source: Appendix Tables 29 to 34)

Statement 15: Percentage distribution of slums by direction of change in condition of specific slum facilities during last 5 years, separately for each facility

Facility	Notified				Non-notified			
	Improved	Did not change	Deteriorated	Neither existed earlier nor existing now	Improved	Did not change	Deteriorated	Neither existed earlier nor existing now
Water supply	28.4	71.6	0.0	0.0	48.0	51.5	0.0	0.4
Electricity	4.2	95.8	0.0	0.0	65.5	34.1	0.0	0.4
Streetlight	7.1	92.9	0.0	0.0	64.4	35.1	0.0	0.4
Latrine	26.7	70.3	0.0	3.0	63.0	30.4	0.5	6.1
Drainage	0.0	97.0	0.0	3.0	42.9	51.5	0.4	5.5
Sewerage	0.6	96.4	0.0	3.0	49.5	44.2	0.0	6.3
Garbage disposal	96.4	0.6	0.0	3.0	71.4	24.3	0.4	3.9
Road within the slum	0.6	96.4	0.0	3.0	52.1	44.1	0.0	3.8
Approach road to the slum	0.0	97.0	0.0	3.0	51.2	45.6	0.0	3.3
Educational facility at Primary level	0.6	96.4	0.0	3.0	61.1	35.6	0.0	3.3
Medical facility	0.6	96.4	0.0	3.0	59.8	36.5	0.0	3.7

(Source: Appendix Tables 25 to 34)

3.15 Source of Improvement of Facilities: Informants reporting improvement in any facility during the last 5 years were also asked about the source of the improvement: whether it had been brought about by the government, by NGOs, by the residents, or by others. The results, shown in Statement 16, indicate that the Government has played a vital role in the development of facilities in both notified and non-notified slums. The contribution of NGOs is particularly noticeable in providing sewerage facilities the notified slums. In non-notified slums, the role of NGOs was relatively significant in improving the facilities of water supply, sewerage and garbage disposal. However, residents themselves also played an important role in improving drainage facility in both notified and non-notified slums.

Statement 16: Percentage distribution of slums reporting improvement of facilities during last 5 years by type of authority responsible for improvement;

Facility	Notified				Non-notified			
	Government	NGO	Residents	Others	Government	NGO	Residents	Others
Water supply	97.9	2.1	0.0	0.0	95.5	0.0	4.5	0.0
Electricity	71.0	14.5	14.5	0.0	96.9	0.0	1.8	1.2
Streetlight	91.4	8.6	0.0	0.0	100.0	0.0	0.0	0.0
Latrine	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
Drainage	-	-	-	-	95.0	0.0	5.0	0.0
Sewerage	0.0	100.0	0.0	0.0	98.7	1.3	0.0	0.0
Garbage disposal	99.4	0.6	0.0	0.0	99.1	0.9	0.0	0.0
Road within the slum	-	-	-	-	100.0	0.0	0.0	0.0
Approach road to the slum	0.0	100.0	0.0	0.0	97.4	2.6	0.0	0.0
Educational facility at Primary level	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
Medical facility	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0

(Source: Appendix Tables 35 to 44)

3.16 Deterioration of Facilities: Complementary to the information on improvement in facilities, Statement 17 summaries state-specific status of slums reporting deterioration in the availability of specific facilities during the last five years, separately for the notified and non-notified slums. For all the facilities, the Gujarat percentage of slums reporting deterioration varied 0 per cent for the notified slums and between 0 and 1 per cent for the non-notified slums.

Statement 17: Percentage of slums in Gujarat reporting deterioration in specific facilities during last 5 years

Estimation from	State sample		Central sample	
	Notified	Non-notified	Notified	Non-notified
Road within	0.0	0.0	0.0	0.0
Approach road	0.0	0.0	0.0	0.0
Water supply	0.0	0.0	3.2	0.3
Electricity	0.0	0.0	15.3	0.0
Street light	0.0	0.0	0.0	2.4
Latrine	0.0	0.5	14.9	0.1
Drainage	0.0	0.4	3.2	0.0
Sewerage	0.0	0.0	14.9	0.0
Garbage Disposal	0.0	0.4	15.3	20.1
Education	0.0	0.0	0.0	0.0
Medical	0.0	0.0	0.0	0.0

(Source: Appendix Tables 25 to 34)

Appendix – A:

Detail Tables

Appendix - A : Detail Table

Table No.	Heading	Page No.
1	Number of sample blocks allotted and surveyed, number of sample slums	1
2	Number of sample slums by type of informant	2
3	Estimated number of slums and estimated approximate number of households within these slums	3
4	Per 1000 distribution of slums by type of ownership of the land	4
5	Number of slums by type of area surrounding the slum per 1000 slums	5
6	Number of slums by type of structure of the majority of houses per 1000 slums	6
7	Number of slums by major sources of drinking water per 1000 slums	7
8	Number of slums by status of electricity connection per 1000 slums	8
9	Per 1000 distribution of slums by type of road / lane / constructed path within the slum	9
10	Per 1000 distribution of slums by type of approach road / lane constructed path to the slum	10
11	Number of slums by latrine facility used by most of the residents of the slum per 1000 slums	11
12	Per 1000 distribution of slums by availability of underground sewerage system	12
13	Number of slums by type of drainage system per 1000 slums	13
14	Number of slums by arrangement of garbage disposal system per 1000 slums	14
15	Number of slums not having motorable road by distance from nearest motorable road per 1000 slums	15
16	Number of slums by distance from nearest primary school per 1000 slums	16
17	Number of slums by distance from nearest govt. hospital / health centre per 1000 slums	17
18	Number of slums by approximate area of slum per 1000 slums	18
19	Estimated approximate number of households per slum by approximate area of slum	19
20	Number of slums by water logging during monsoon per 1000 slums	20
21	Number of slums by frequency of collection of garbage by panchayat / municipality corporation per 1000 slums	21
22	Number of slums by location of slum per 1000 slums	22
23	Number of slums by availability of an association for improving the condition of slum per 1000 slums	23
24	Number of notified slums by year of notification per 1000 slums	24
25	Number of slums by change in condition of the road of the slum during last 5 year per 1000 slums	25
26	Number of slums by change in condition of the water supply in the slum during last 5 years per 1000 slums	26
27	Number of slums by change in condition of electricity in the slum during last 5 years per 1000 slums	27
28	Number of slums by change in condition of street light of the slum during last 5 years per 1000 slums	28
29	Number of slums by change in condition of latrine facility during last 5 years per 1000 slums	29
30	Number of slums by change in condition of drainage of the slum during last 5 years per 1000 slums	30

31	Number of slums by change in condition of sewerage of the slum during last 5 years per 1000 slums	31
32	Number of slums by change in condition of garbage disposal of the slum during last 5 years per 1000 slums	32
33	Number of slums by change in condition of education facility of the slum during last 5 years per 1000 slums	33
34	Number of slums by change in condition of medical facility of the slum during last 5 years per 1000 slums	34
35	Number of slums where water supply improved during last 5 years by source of improvement per 1000 slums	35
36	Number of slums where condition of street light improved during last 5 years by source of improvement per 1000 slums	36
37	Number of slums where condition of electricity improved during last 5 years by source of improvement per 1000 slums	37
38	Number of slums where condition of latrine facility improved during last 5 years by source of improvement per 1000 slums	38
39	Number of slums where condition of sewerage improved during last 5 years by source of improvement per 1000 slums	39
40	Number of slums where condition of drainage improved during last 5 years by source of improvement per 1000 slums	40
41	Number of slums where condition of garbage disposal improved during last 5 years by source of improvement per 1000 slums	41
42	Number of slums where condition of road within the slum improved during last 5 years by source of improvement per 1000 slums	42
43	Number of slums where condition of approach road to the slum improved during last 5 years by source of improvement per 1000 slums	43
44	Number of slums where condition of educational facility at primary level improved during last 5 years by source of improvement per 1000 slums	44
45	Number of slums where condition of medical facility improved during last 5 years by source of improvement per 1000 slums	45

Table (1): Number of sample blocks allotted and surveyed, number of sample slums for each State/UT

State / UT	number of allotted	sample blocks surveyed	number of notified	sample slums non notified	all
1	2	3	4	5	6
Gujrat	160	160	10	26	36
ALL	160	160	10	26	36

Table (2): Number of sample slums by type of informant

State / UT	notified slum		others	all	Non-notified slum		others	all	sample number of slums		
	knowledgeable persons from the slum				knowledgeable persons from the slum				notified	non notified	all
	male	female			male	female					
1	2	3	4	5	6	7	8	9	10	11	12
Gujrat	10	0	0	10	25	1	0	26	10	26	36
ALL	10	0	0	10	25	1	0	26	10	26	36

Table (3): Estimated number of slums and estimated approximate number of households within these slums

State / UT	Estimated number of slums				approx. no. of households						sample number of slums				
	notified	non notified with approx no. of holds(h)			all	notified	non notified with approx no. of holds(h)			all	notified	non notified with approx no. of holds(h)			all
		20<=h<60	h=>60	all			20<=h<60	h=>60	all			20<=h<60	h=>60	all	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gujrat	737	80	982	1062	1799	202957	3590	119436	123026	325983	10	7	19	26	36
ALL	737	80	982	1062	1799	202957	3590	119436	123026	325983	10	7	19	26	36

Table (4): Per 1000 distribution of slums by type of ownership of the land

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	ownership type						Number of slums		
	private	public			not known	n. r.	all	Estimated	sample
		railway	local bodies	others					
1	2	3	4	5	6	7	8	9	10
Gujrat	604	0	396	0	0	0	1000	737	10
ALL	604	0	396	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	ownership type						Number of slums		
	private	public			not known	n. r.	all	Estimated	sample
		railway	local bodies	others					
1	2	3	4	5	6	7	8	9	10
Gujrat	64	7	874	56	0	0	1000	1062	26
ALL	64	7	874	56	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	ownership type						Number of slums		
	private	public			not known	n. r.	all	Estimated	sample
		railway	local bodies	others					
1	2	3	4	5	6	7	8	9	10
Gujrat	255	4	705	36	0	0	1000	1799	36
ALL	255	4	705	36	0	0	1000	1799	36

Table (5): Number of slums by type of area surrounding the slum per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	type of area surrounding the slum							Number of slums	
	residential	industrial	commercial	others	slum	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	563	0	106	0	331	0	1000	737	10
ALL	563	0	106	0	331	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	type of area surrounding the slum							Number of slums	
	residential	industrial	commercial	others	slum	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	302	72	381	7	238	0	1000	1062	26
ALL	302	72	381	7	238	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	type of area surrounding the slum							Number of slums	
	residential	industrial	commercial	others	slum	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	394	47	284	4	271	0	1000	1799	36
ALL	394	47	284	4	271	0	1000	1799	36

Table (6): Number of slums by type of structure of the majority of houses per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	type of structure of the majority of houses							number of slums	
	pucca	semi-pucca	serv.katcha	unserv.katcha	no-structure	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	958	6	36	0	0	0	1000	737	10
ALL	958	6	36	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	type of structure of the majority of houses							number of slums	
	pucca	semi-pucca	serv.katcha	unserv.katcha	no-structure	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	746	140	109	4	0	0	1000	1062	26
ALL	746	140	109	4	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	type of structure of the majority of houses							number of slums	
	pucca	semi-pucca	serv.katcha	unserv.katcha	no-structure	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	821	93	83	3	0	0	1000	1799	36
ALL	821	93	83	3	0	0	1000	1799	36

Table (7): Number of slums by major sources of drinking water per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	major sources of drinking water						number of slums	
	tap	tube well hand pump	well	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	737	10
ALL	1000	0	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	major sources of drinking water						number of slums	
	tap	tube well hand pump	well	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	980	20	0	0	0	1000	1062	26
ALL	980	20	0	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	major sources of drinking water						number of slums	
	tap	tube well hand pump	well	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	987	13	0	0	0	1000	1799	36
ALL	987	13	0	0	0	1000	1799	36

Table (8): Number of slums by status of electricity connection per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	slums with						number of slums	
	electricity for			no electricity	n. r.	all	estimated	sample
	both street lights and households	household use only	street light only					
1	2	3	4	5	6	7	8	9
Gujrat	462	503	35	0	0	1000	737	10
ALL	462	503	35	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	slums with						number of slums	
	electricity for			no electricity	n. r.	all	estimated	sample
	both street lights and households	household use only	street light only					
1	2	3	4	5	6	7	8	9
Gujrat	913	23	64	0	0	1000	1062	26
ALL	913	23	64	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	slums with						number of slums	
	electricity for			no electricity	n. r.	all	estimated	sample
	both street lights and households	household use only	street light only					
1	2	3	4	5	6	7	8	9
Gujrat	754	192	54	0	0	1000	1799	36
ALL	754	192	54	0	0	1000	1799	36

Table (9): Per 1000 distribution of slums by type of road / lane / constructed path within the slum

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	type of approach road / lane / constructed path in the slum				number of slums	
	pucca	katcha	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	461	526	12	1000	737	10
ALL	461	526	12	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	type of approach road / lane / constructed path in the slum				number of slums	
	pucca	katcha	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	745	61	194	1000	1062	26
ALL	745	61	194	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	type of approach road / lane / constructed path in the slum				number of slums	
	pucca	katcha	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	645	225	130	1000	1799	36
ALL	645	225	130	1000	1799	36

Table (10): Per 1000 distribution of slums by type of approach road / lane constructed path to the slum

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	Type of approach road / lane constructed path to the slum							number of slums		
	motorable			non-motorable			n. r.	all	estimated	sample
	pucca	katcha	total	pucca	katcha	total				
1	2	3	4	5	6	7	8	9	10	11
Gujrat	461	30	491	0	497	497	12	1000	737	10
ALL	461	30	491	0	497	497	12	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	Type of approach road / lane constructed path to the slum							number of slums		
	motorable			non-motorable			n. r.	all	estimated	sample
	pucca	katcha	total	pucca	katcha	total				
1	2	3	4	5	6	7	8	9	10	11
Gujrat	758	37	795	10	0	10	194	1000	1062	26
ALL	758	37	795	10	0	10	194	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	Type of approach road / lane constructed path to the slum							number of slums		
	motorable			non-motorable			n. r.	all	estimated	sample
	pucca	katcha	total	pucca	katcha	total				
1	2	3	4	5	6	7	8	9	10	11
Gujrat	653	34	688	7	175	182	130	1000	1799	36
ALL	653	34	688	7	175	182	130	1000	1799	36

Table (11): Number of slums by latrine facility used by most of the residents of the slum per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	latrine facility used by most of the residents of the slum												number of slums		
	owned			shared			public/community			others	no latrine	n.r.	all	estimated	sample
	st/flush	pit	service	st/flush	pit	service	st/flush	pit	service						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gujrat	0	0	0	248	35	0	72	106	0	0	36	503	1000	737	10
ALL	0	0	0	248	35	0	72	106	0	0	36	503	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	latrine facility used by most of the residents of the slum												number of slums		
	owned			shared			public/community			others	no latrine	n.r.	all	estimated	sample
	st/flush	pit	service	st/flush	pit	service	st/flush	pit	service						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gujrat	260	317	0	4	0	0	105	7	0	0	63	199	1000	1062	26
ALL	260	317	0	4	0	0	105	7	0	0	63	199	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	latrine facility used by most of the residents of the slum												number of slums		
	owned			shared			public/community			others	no latrine	n.r.	all	estimated	sample
	st/flush	pit	service	st/flush	pit	service	st/flush	pit	service						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gujrat	168	205	0	91	12	0	122	42	0	0	53	306	1000	1799	36
ALL	168	205	0	91	12	0	122	42	0	0	53	306	1000	1799	36

Table (12): Per 1000 distribution of slums by availability of underground sewerage system

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	underground sewerage system in the slum				number of slums	
	availavle	not abavailable	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	461	539	0	1000	737	10
ALL	461	539	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	underground sewerage system in the slum				number of slums	
	availavle	not abavailable	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	404	596	0	1000	1062	26
ALL	404	596	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	underground sewerage system in the slum				number of slums	
	availavle	not abavailable	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	4024	576	0	1000	1799	36
ALL	4024	576	0	1000	1799	36

Table (13): Number of slums by type of drainage system per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	type of drainage system							number of slums	
	underground	covered-pucca	open pucca	open katcha	no-drainage	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	461	0	0	6	533	0	1000	737	10
ALL	461	0	0	6	533	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	type of drainage system							number of slums	
	underground	covered-pucca	open pucca	open katcha	no-drainage	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	383	10	345	11	251	0	1000	1062	26
ALL	383	10	345	11	251	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	type of drainage system							number of slums	
	underground	covered-pucca	open pucca	open katcha	no-drainage	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	410	7	223	9	350	0	1000	1799	36
ALL	410	7	223	9	350	0	1000	1799	36

Table (14): Number of slums by arrangement of garbage disposal system per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	arrangement of garbage disposal system						number of slums	
	municipality /corporation	residents	others	no arrangement	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	958	42	0	0	0	1000	737	10
ALL	958	42	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	arrangement of garbage disposal system						number of slums	
	municipality /corporation	residents	others	no arrangement	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	821	140	0	30	8	1000	1062	26
ALL	821	140	0	30	8	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	arrangement of garbage disposal system						number of slums	
	municipality /corporation	residents	others	no arrangement	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	870	105	0	20	5	1000	1799	36
ALL	870	105	0	20	5	1000	1799	36

Table (15): Number of slums not having motorable road by distance from nearest motorable road per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	distance from nearest motorable road (in Km.)							number of slums	
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	1000	0	0	0	0	0	1000	737	10
ALL	1000	0	0	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	distance from nearest motorable road (in Km.)							number of slums	
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	1000	0	0	0	0	0	1000	1062	26
ALL	1000	0	0	0	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	distance from nearest motorable road (in Km.)							number of slums	
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	1000	0	0	0	0	0	1000	1799	36
ALL	1000	0	0	0	0	0	1000	1799	36

Table (16): Number of slums by distance from nearest primary school per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	distance from nearest primary school (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	249	751	0	0	0	0	1000	737	10
ALL	249	751	0	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	distance from nearest primary school (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	236	693	71	0	0	0	1000	1062	26
ALL	236	693	71	0	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	distance from nearest primary school (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	241	716	46	0	0	0	1000	1799	36
ALL	241	716	46	0	0	0	1000	1799	36

Table (17): Number of slums by distance from nearest govt. hospital / health centre per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	distance from nearest govt. hospital / health centre (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	178	745	77	0	0	0	1000	737	10
ALL	178	745	77	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	distance from nearest govt. hospital / health centre (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	51	169	613	103	64	0	1000	1062	26
ALL	51	169	613	103	64	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	distance from nearest govt. hospital / health centre (in Km.)						number of slums		
	> 0.5	0.5 - 1	1-2	2-5	>= 5	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10
Gujrat	96	372	424	67	41	0	1000	1799	36
ALL	96	372	424	67	41	0	1000	1799	36

Table (18): Number of slums by approximate area of slum per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	0	261	615	125	0	0	0	0	0	1000	737	10
ALL	0	261	615	125	0	0	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	9	187	586	219	0	0	0	0	0	1000	1062	26
ALL	9	187	586	219	0	0	0	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	6	213	596	186	0	0	0	0	0	1000	1799	36
ALL	6	213	596	186	0	0	0	0	0	1000	1799	36

Table (19): Estimated approximate number of households per slum by approximate area of slum

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	0	178	353	98	0	0	0	0	0	275	737	10
ALL	0	178	353	98	0	0	0	0	0	275	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	40	108	108	134	0	0	0	0	0	113	1062	26
ALL	40	108	108	134	0	0	0	0	0	113	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	approximate area of slum (in hectre)										number of slums	
	> 0.05	0.05-1.00	1.00-2.00	2.00-3.00	3.00-4.00	4.00-6.00	6.00-8.00	>=8.00	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	40	138	197	125	0	0	0	0	0	170	1799	36
ALL	40	138	197	125	0	0	0	0	0	170	1799	36

Table (20): Number of slums by water logging during monsoon per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	slums usually water logging during monsoon								number of slums			
	yes				no				n. r.	all	estimated	sample
	approach road/lane/path waterlogged in moonsoon				approach road/lane/path waterlogged in moonsoon							
	yes	no	n.r.	all	yes	no	n. r.	all				
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	497	0	0	497	0	503	0	503	0	1000	737	10
ALL	497	0	0	497	0	503	0	503	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	slums usually water logging during monsoon								number of slums			
	yes				no				n. r.	all	estimated	sample
	approach road/lane/path waterlogged in moonsoon				approach road/lane/path waterlogged in moonsoon							
	yes	no	n.r.	all	yes	no	n. r.	all				
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	0	0	0	0	0	1000	0	1000	0	1000	1062	26
ALL	0	0	0	0	0	1000	0	1000	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	slums usually water logging during monsoon								number of slums			
	yes				no				n. r.	all	estimated	sample
	approach road/lane/path waterlogged in moonsoon				approach road/lane/path waterlogged in moonsoon							
	yes	no	n.r.	all	yes	no	n. r.	all				
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	175	0	0	175	0	825	0	825	0	1000	1799	36
ALL	175	0	0	175	0	825	0	825	0	1000	1799	36

Table (21): Number of slums by frequency of collection of garbage by panchayat / municipality corporation per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	collection of garbage by municipality/corporation once in							collection of garbage by residents /others once in							all slums once in						number of slums		
	daily	2 days	3-7 days	8-15 days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Gujrat	1000	0	0	0	0	0	1000	145	710	145	0	0	0	1000	964	30	6	0	0	0	1000	737	10
ALL	1000	0	0	0	0	0	1000	145	710	145	0	0	0	1000	964	30	6	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	collection of garbage by municipality/corporation once in							collection of garbage by residents /others once in							all slums once in						number of slums		
	daily	2 days	3-7 days	8-15 days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Gujrat	866	43	78	13	0	0	1000	688	265	48	0	0	0	1000	808	73	71	10	32	7	1000	1062	26
ALL	866	43	78	13	0	0	1000	688	265	48	0	0	0	1000	808	73	71	10	32	7	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	collection of garbage by municipality/corporation once in							collection of garbage by residents /others once in							all slums once in						number of slums		
	daily	2 days	3-7 days	8-15 days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	daily	2 days	3-7days	8-15days	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Gujrat	918	26	48	8	0	0	1000	611	327	61	0	0	0	1000	863	57	48	7	21	4	1000	1799	36
ALL	918	26	48	8	0	0	1000	611	327	61	0	0	0	1000	863	57	48	7	21	4	1000	1799	36

Table (22): Number of slums by location of slum per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	fringe area							other area							not recorded						number of slums			
	nallah	railway	riverban	river bed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	10	17	18	19	20	21	22	23	24	25
Gujrat	0	30	35	0	6	0	71	53	0	248	0	628	0	929	0	0	0	0	0	0	0	1000	737	10
ALL	0	30	35	0	6	0	71	53	0	248	0	628	0	929	0	0	0	0	0	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	fringe area							other area							not recorded						number of slums			
	nallah	railway	riverban	river bed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	10	17	18	19	20	21	22	23	24	25
Gujrat	0	33	4	4	13	0	55	147	0	108	0	691	0	945	0	0	0	0	0	0	0	1000	1062	26
ALL	0	33	4	4	13	0	55	147	0	108	0	691	0	945	0	0	0	0	0	0	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	fringe area							other area							not recorded						number of slums			
	nallah	railway	riverban	river bed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	nallah	rail	riverban	riverbed	others	n. r.	all	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	10	17	18	19	20	21	22	23	24	25
Gujrat	0	32	15	3	11	0	61	114	0	157	0	668	0	939	0	0	0	0	0	0	0	1000	1799	36
ALL	0	32	15	3	11	0	61	114	0	157	0	668	0	939	0	0	0	0	0	0	0	1000	1799	36

Table (23): Number of slums by availability of an association for improving the condition of slum per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	association for improving the condition of slum				number of slums	
	yes	no	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	320	680	0	1000	737	10
ALL	320	680	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	association for improving the condition of slum				number of slums	
	yes	no	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	450	550	0	1000	1062	26
ALL	450	550	0	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	association for improving the condition of slum				number of slums	
	yes	no	n. r.	all	estimated	sample
1	2	3	4	5	6	7
Gujrat	404	596	0	1000	1799	36
ALL	404	596	0	1000	1799	36

Table (24): Number of notified slums by year of notification per 1000 slums

State / UT	year of notification of slums											no. of notified slums	
	1971	1975	1980	1985	1990	1995	2000	2005	after	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Gujrat	30	72	106	248	0	497	0	35	0	12	1000	737	10
ALL	30	72	106	248	0	497	0	35	0	12	1000	737	10

Table (25): Number of slums by change in condition of the road of the slum during last 5 year per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	road within the slum					approach road to the slum					number of slums	
	improved	no change	deteriotd	neither	all	improved	no change	deteriotd	neither	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	6	964	0	30	1000	0	970	0	30	1000	737	10
ALL	6	964	0	30	1000	0	970	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	road within the slum					approach road to the slum					number of slums	
	improved	no change	deteriotd	neither	all	improved	no change	deteriotd	neither	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	521	441	0	38	1000	512	456	0	33	1000	1062	26
ALL	521	441	0	38	1000	512	456	0	33	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	road within the slum					approach road to the slum					number of slums	
	improved	no change	deteriotd	neither	all	improved	no change	deteriotd	neither	all	estimated	sample
1	2	3	4	5	6	7	8	9	10	11	12	13
Gujrat	339	626	0	35	1000	331	637	0	32	1000	1799	36
ALL	339	626	0	35	1000	331	637	0	32	1000	1799	36

Table (26): Number of slums by change in condition of the water supply in the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	water supply					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	284	716	0	0	1000	737	10
ALL	284	716	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	water supply					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	480	515	0	4	1000	1062	26
ALL	480	515	0	4	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	water supply					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	411	586	0	3	1000	1799	36
ALL	411	586	0	3	1000	1799	36

Table (27): Number of slums by change in condition of electricity in the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	electricity					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	42	958	0	0	1000	737	10
ALL	42	958	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	electricity					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	655	341	0	4	1000	1062	26
ALL	655	341	0	4	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	electricity					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	438	559	0	3	1000	1799	36
ALL	438	559	0	3	1000	1799	36

Table (28): Number of slums by change in condition of street light of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	street light					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	71	929	0	0	1000	737	10
ALL	71	929	0	0	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	street light					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	644	351	0	4	1000	1062	26
ALL	644	351	0	4	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	street light					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	442	555	0	3	1000	1799	36
ALL	442	555	0	3	1000	1799	36

Table (29): Number of slums by change in condition of latrine facility during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	latrine facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	267	703	0	30	1000	737	10
ALL	267	703	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	latrine facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	630	304	5	61	1000	1062	26
ALL	630	304	5	61	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	latrine facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	502	445	3	50	1000	1799	36
ALL	502	445	3	50	1000	1799	36

Table (30): Number of slums by change in condition of drainage of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	drainage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	0	970	0	30	1000	737	10
ALL	0	970	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	drainage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	429	515	4	55	1000	1062	26
ALL	429	515	4	55	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	drainage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	277	676	3	44	1000	1799	36
ALL	277	676	3	44	1000	1799	36

Table (31): Number of slums by change in condition of sewerage of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	sewerage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	6	964	0	30	1000	737	10
ALL	6	964	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	sewerage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	495	442	0	63	1000	1062	26
ALL	495	442	0	63	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	sewerage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	322	626	0	51	1000	1799	36
ALL	322	626	0	51	1000	1799	36

Table (32): Number of slums by change in condition of garbage disposal of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	garbage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	964	6	0	30	1000	737	10
ALL	964	6	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	garbage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	714	243	4	39	1000	1062	26
ALL	714	243	4	39	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	garbage facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	802	159	3	36	1000	1799	36
ALL	802	159	3	36	1000	1799	36

Table (33): Number of slums by change in condition of education facility of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	education facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	6	964	0	30	1000	737	10
ALL	6	964	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	education facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	611	356	0	33	1000	1062	26
ALL	611	356	0	33	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	education facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	397	571	0	32	1000	1799	36
ALL	397	571	0	32	1000	1799	36

Table (34): Number of slums by change in condition of medical facility of the slum during last 5 years per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	medical facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	6	964	0	30	1000	737	10
ALL	6	964	0	30	1000	737	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	medical facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	598	365	0	37	1000	1062	26
ALL	598	365	0	37	1000	1062	26

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	medical facility					number of slums	
	improved	no change	deteriorated	no change	all	estimated	sample
1	2	3	4	5	6	7	8
Gujrat	389	577	0	34	1000	1799	36
ALL	389	577	0	34	1000	1799	36

Table (35): Number of slums where water supply improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in water supply						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	979	21	0	0	0	1000	209	3
ALL	979	21	0	0	0	1000	209	3

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in water supply						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	955	0	45	0	0	1000	434	10
ALL	955	0	45	0	0	1000	434	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in water supply						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	961	5	34	0	0	1000	643	13
ALL	961	5	34	0	0	1000	643	13

Table (36): Number of slums where condition of street light improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement of street light						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	914	86	0	0	0	1000	52	3
ALL	914	86	0	0	0	1000	52	3

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement of street light						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	587	13
ALL	1000	0	0	0	0	1000	587	13

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement of street light						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	995	5	0	0	0	1000	639	16
ALL	995	5	0	0	0	1000	639	16

Table (37): Number of slums where condition of electricity improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in electricity						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	710	145	145	0	0	1000	31	3
ALL	710	145	145	0	0	1000	31	3

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in electricity						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	969	0	18	12	0	1000	600	15
ALL	969	0	18	12	0	1000	600	15

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in electricity						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	961	5	22	12	0	1000	631	18
ALL	961	5	22	12	0	1000	631	18

Table (38): Number of slums where condition of latrine facility improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in latrine facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	197	3
ALL	1000	0	0	0	0	1000	197	3

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in latrine facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	637	7
ALL	1000	0	0	0	0	1000	637	7

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in latrine facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	834	10
ALL	1000	0	0	0	0	1000	834	10

Table (39): Number of slums where condition of sewerage improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in seweragwe						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	0	1000	0	0	0	1000	4	1
ALL	0	1000	0	0	0	1000	4	1

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in seweragwe						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	987	13	0	0	0	1000	454	7
ALL	987	13	0	0	0	1000	454	7

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in seweragwe						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	980	20	0	0	0	1000	458	8
ALL	980	20	0	0	0	1000	458	8

Table (40): Number of slums where condition of drainage improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in drainage						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	950	0	50	0	0	1000	364	5
ALL	950	0	50	0	0	1000	364	5

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in drainage						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	950	0	50	0	0	1000	364	5
ALL	950	0	50	0	0	1000	364	5

Table (41): Number of slums where condition of garbage disposal improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in garbage disposal						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	994	6	0	0	0	1000	710	8
ALL	994	6	0	0	0	1000	710	8

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in garbage disposal						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	991	9	0	0	0	1000	749	10
ALL	991	9	0	0	0	1000	749	10

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in garbage disposal						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	992	8	0	0	0	1000	1459	18
ALL	992	8	0	0	0	1000	1459	18

Table (42): Number of slums where condition of road within the slum improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in road within slum						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	477	7
ALL	1000	0	0	0	0	1000	477	7

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in road within slum						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	477	7
ALL	1000	0	0	0	0	1000	477	7

Table (43): Number of slums where condition of approach road to the slum improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in approach road slum						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	0	1000	0	0	0	1000	4	1
ALL	0	1000	0	0	0	1000	4	1

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in approach road slum						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	974	26	0	0	0	1000	489	9
ALL	974	26	0	0	0	1000	489	9

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in approach road slum						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	968	32	0	0	0	1000	493	10
ALL	968	32	0	0	0	1000	493	10

Table (44): Number of slums where condition of educational facility at primary level improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in educational facility at primary level						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	45	1
ALL	1000	0	0	0	0	1000	45	1

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in educational facility at primary level						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	546	12
ALL	1000	0	0	0	0	1000	546	12

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in educational facility at primary level						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	591	13
ALL	1000	0	0	0	0	1000	591	13

Table (45): Number of slums where condition of medical facility improved during last 5 years by source of improvement per 1000 slums

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 1

State / UT	source of improvement in medical facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	4	1
ALL	1000	0	0	0	0	1000	4	1

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : 2

State / UT	source of improvement in medical facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	528	9
ALL	1000	0	0	0	0	1000	528	9

Type of slum (1 : Notified, 2 : Non-Notified, Z : ALL) : Z

State / UT	source of improvement in medical facility						number of slums (improved)	
	govt.	NGO	residents	others	n. r.	all	estimated	sample
1	2	3	4	5	6	7	8	9
Gujrat	1000	0	0	0	0	1000	532	10
ALL	1000	0	0	0	0	1000	532	10

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