India - Urban Slums Survey: NSS 58th Round : July - December 2002

National Sample Survey Office - M/o Statistcs and Programme Implementation(MOSPI),Government of India (GOI)

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Overview

Identification

ID NUMBER
DDI-IND-MOSPI-NSSO-58Rnd-Sch-0dot21-2002

Version

VERSION DESCRIPTION
V1.0; Re-organised anonymised dataset for public distribution.

PRODUCTION DATE
2012-05-15

Overview

ABSTRACT
The NSSO conducted an integrated household survey in its 58th round during the period July 2002 to December 2002. Some general features about the slum, including information on any improvement/change in the condition with respect to some amenities of the

slum during the last 5 years were collected in this survey through Schedule 0.21.

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. In addition, data on change in the condition of some of these facilities, and source of the improvement, if there was any such improvement over the last five years, were also collected.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Randomly selected urban slums based on sampling procedure.

Scope

NOTES
The National Sample Survey Organisation (NSSO) conducted an integrated survey encompassing various aspects of the socio-economic scenario during July to December 2002. The survey, inter-alia, included the condition of urban slums. Unlike various other surveys conducted by the NSSO where the information is collected from each selected household, information on the civic facilities of the slums was collected from one or more knowledgeable persons from each of the selected slums. This was the third survey on slums after the 31st round (1976-77) and the 49th round (January-June 1993). As the slum is essentially an urban phenomenon, this survey covered only the urban areas.

Schedule 0.21 was framed to collect information on the present condition of the slums and on the change in the condition of some facilities available therein. The schedule was canvassed for each surveyed urban block having slum(s). Thus the schedule was canvassed in the urban sector only. Information on each slum, notified or non-notified, found in the entire selected first stage unit (FSU) was collected even if sub-block formation was resorted to. In some cases, the slum covered such a large area that it cuts across more than one FSU, and the selected FSU was part of the slum. In such cases, all the slum particulars recorded was related to only that part of the slum, which fell in the selected FSU. However, if the FSU

contained a part of a notified slum with at least 20 households, then the part of the slum falling in the FSU was regarded as a notified slum and the schedule was canvassed accordingly

Schedule 0.21 consisted of eight blocks. Blocks 0 and 1 meant to record the identification particulars of the selected urban FSU. Blocks 2, 5, 6 and 7 contained particulars of field operations, remarks by the investigator/senior investigator, comments by superintendent/senior superintendent and comments by other supervisory officer(s). In Blocks 3 and 4, data were recorded for each slum inside the selected FSU and contains information on ownership, area type, structure, living facilities like electricity, drinking water, latrine, sewerage, drainage, garbage disposal, distance of the slum from nearest primary school and government hospital/health centre. It also provides information on the change in the condition of the urban slums during the last five years along with the sources of improvement of the facilities, if any.

KEYWORDS
Notified slum, Flood risk, Approach Road, Slum dwellers, Living facilities, Garbage disposal, Drainage

Coverage

GEOGRAPHIC COVERAGE
The survey covered the whole URBAN area of the Indian Union.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Sample Survey Office	M/o Statistcs and Programme Implementation(MOSPI),Government of India (GOI)

OTHER PRODUCER(S)

Name	Affiliation	Role
Survey Design Reearch Division	National Sample Survey Office	Questionnaire Desgn, Sampling methodology,Survey Reports
Field Operations Division	National Sample Survey Office	Field Work
Data Processing Division	National Sample Survey Office	Data Processing
Computer Centre	M/o Statistcs and Programme Implementation(MOSPI),Government of India (GOI)	Dissemination

FUNDING

Name	Abbreviation	Role
M/o Statistics & Programme Implementation, GOI	MOSPI	

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Governing council and Working Group	GOI	Finalisation of survey study and Questionnaire

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Computer Centre	MOSPI, CC	M/O Statistics & Programme Implementation	Documentation of the study

DATE OF METADATA PRODUCTION
2012-05-17

DDI DOCUMENT VERSION
Version 1.0 (May 2012)

DDI DOCUMENT ID
DDI-IND-MOSPI-NSSO-58Rnd-Sch-0dot21-2002

Sampling

Sampling Procedure

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 on each slum, notified or non-notified, found in the entire
selected first stage units (FSUs) was collected. In some cases, area of a slum was very large and the selected FSU was part of the slum. In such cases, information was collected for the slum area falling under the sample FSU only. However, if the slum was notified, then the part of it falling under the sample FSU was considered as a notified slum. It may be noted that if a slum had cut across more than one FSU, all the slum particulars would relate to the part of the slum which fell in the selected FSU. A detailed discussion on the sample design and estimation procedure followed in the survey is given as an attachment to external resources.

Deviations from Sample Design

There was no deviation from the original sample deviation.

Response Rate

A total of 3552 FSUs (i.e., UFS blocks) were selected for the Central sample in this survey, of which 3538 could be surveyed (a response rate of 99.6 percent). At the all-India level, a total of692 slums were covered in these surveyed urban blocks.

Weighting

Sample weights were calculated and included in each of the data files.
Variable 'Wgt_SS' refers to Multiplier for each Subsample.
Variable 'Wgt_Combined' refers to Combined Multiplier.

Questionnaires

Overview

Schedule 0.21 consists of 6 blocks. The blocks are:

Block 0: descriptive identification of sample FSU (Urban)
Block 1: identification of sample FSU (Urban)
Block 2: particulars of field operations

Block 3: particulars about the slum
Block 4: change in the condition of the slum during the last 5 years

Block 5: remarks by investigator/senior investigator
Block 6: comments by supervisory officers.

Data Collection

Data Collection Dates

Start	End	Cycle	
2002-07-01	2002-09-30	N/A	
2002-10-01	2002-12-31	N/A	

Data Collection Mode

Focus Group [foc]

Data Collection Notes

The entire survey period (1st July 2002 - 31st December 2002) was divided into two sub-rounds of three months' duration each
(Sub-round 1: July-September 2002, Sub -round 2: October-December 2002) 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.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.

Questionnaires

Schedule 0.21 consists of 6 blocks. The blocks are:

Block 0: descriptive identification of sample FSU (Urban)
Block 1: identification of sample FSU (Urban)
Block 2: particulars of field operations

Block 3: particulars about the slum
Block 4: change in the condition of the slum during the last 5 years

Block 5: remarks by investigator/senior investigator
Block 6: comments by supervisory officers.

Data Collectors

Name	Abbreviation	Affiliation
Field Operations Division of Naional Sample Survey Office	NSSO(FOD)	Ministry of Statistics and Programme Implementation

Data Processing

Data Editing

See the attached technical document in external resources.

Other Processing

See the attached technical document in external resources.

Data Appraisal

No content available

File Description

Variable List

Block-3-records

Content	Information relating to the area where the slum is located, condition of the road / lane / constructed path within and surrounding the slum, and type of basic amenities like electricity, drinking water, sewerage, drainage, garbage disposal, etc. are the content of this dataset of block-3.
Cases	692
Variable(s)	46
Structure	Type: relational Keys: KEY_Slum_srlno(Key to locate slum serial no)
Version	
Producer	NSSO
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	KEY_Slum_srlno	Key to locate slum serial no	discrete	character	
V2	KEY_FSU	Key to locate FSU	discrete	character	
V3	Rec_ID	Record Identifier(indicates block no)	discrete	character	
V4	Rnd_Sch	Round Schedule	discrete	character	
V5	Sub_Round	Sub-Round	discrete	character	Sub-round
V6	Sub_sample	Sub-sample	discrete	character	Sub-sample
V7	Sector	Sector	discrete	character	Sector code
V8	State	State	discrete	character	State code
V9	Region	Region	discrete	character	Region code
V10	District	District	discrete	character	District code
V11	Stratum	Stratum	discrete	character	Stratum
V12	Sub_Stratum	Sub-Stratum	discrete	character	Sub-Stratum
V13	FSU	FSU Serial No.	discrete	character	First Stage Unit serial no
V84	B1_q13	No. of slums	contin	numeric	No. of slums in the block
V15	B1_q14	Informant code	discrete	character	Informant code
V16	B2_q2	Date of Survey	discrete	character	
V17	B3_q1	Srl no. of slum	discrete	character	srl. number of the slum in the block
V18	B3_q2	No. of hhlds.	contin	numeric	Approximate number of households in the slum
V19	B3_q3	Area of the slum	discrete	character	Approximate area of the slum
V20	B3_q4	Slum notified	discrete	character	Is the slum a notified one?
V21	B3_q5	Year of notification	discrete	character	If code 1 in col. 4, year of notification
V22	B3_q6	Ownership of the land	discrete	character	Ownership of the land where slum is located
V23	B3_q7	Type of area	discrete	character	Type of area surrounding the slum:
V24	B3_q8	Location of slum	discrete	character	Location of slum

ID	Name	Label	Type	Format	Question
V25	B3_q9	Physical location	discrete	character	Physical location of the slum:
V26	B3_q10	Waterlogged?	discrete	character	Does the slum usually remain waterlogged during monsoon?:
V27	B3_q11	Approach road waterlogged?	discrete	character	Does the approach road / lane / constructed path usually remain waterlogged in monsoon?
V28	B3_q12	Electricity?	discrete	character	Whether the slum has electricity?:
V29	B3_q13	Type of structure	discrete	character	Type of structure of the majority of houses
V30	B3_q14	Type of road/lane	discrete	character	Type of road / lane / constructed path within the slum.
V31	B3_q15	Approach road to slum	discrete	character	Approach road / lane / constructed path to the slum.
V32	B3_q16	Distance from motorable road	discrete	character	For code 3 or code 4 in col. 15, distance from the nearest motorable road.
V33	B3_q17	Major source of drinking water	discrete	character	Major source of drinking water.
V34	B3_q18	Latrine facility	discrete	character	Latrine facility used by most of the residents.
V35	B3_q19	Sewerage system	discrete	character	Does the slum have underground sewerage system?
V36	B3_q20	Drainage system	discrete	character	Type of drainage system
V37	B3_q21	Garbage disposal	discrete	character	Garbage disposal for the slum.
V38	B3_q22	Frequency of collection	discrete	character	If code 1 in col. 21, frequency of collection.
V39	B3_q23	Distance from primary school	discrete	character	Distance from nearest primary school.
V40	B3_q25	Association	discrete	character	Do the slum dwellers have an association for improving the condition of the slum?
V41	B3_q24	Distance from govt. hospital	discrete	character	Distance from nearest government hospital / health centre etc.
V42	Wgt_SS	Multiplier-Subsample-wise	contin	numeric	
V43	Wgt_combined	Multiplier-combined	contin	numeric	
V44	NSS	NSS	contin	numeric	
V45	NSC	NSC	contin	numeric	
V46	Wgt_posted	Multiplier Posted	contin	numeric	

Block-4-records

Content	This dataset contains information relating to any improvement/change in the condition with respect to some amenities of the slum during the last 5 years.
Cases	692
Variable(s)	37
Structure	Type: relational Keys: KEY_Slum_Srllno(Key to locate slum serial no)
Version	
Producer	NSSO
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V47	KEY_Slum_Srllno	Key to locate slum serial no	discrete	character	See dataset of Block-3 for details
V48	KEY_FSU	Key to locate FSU	discrete	character	See dataset of Block-3 for details
V49	Rec_ID	Record Identifier(indicates block no)	discrete	character	See dataset of Block-3 for details
V50	Rnd_Sch	Round Schedule	discrete	character	See dataset of Block-3 for details
V51	Sub_Round	Sub-Round	discrete	character	See dataset of Block-3 for details
V52	Sub_sample	Sub-sample	discrete	character	See dataset of Block-3 for details
V53	Sector	Sector	discrete	character	See dataset of Block-3 for details
V54	State	State	discrete	character	See dataset of Block-3 for details
V55	Region	Region	discrete	character	See dataset of Block-3 for details
V56	District	District	discrete	character	See dataset of Block-3 for details
V57	Stratum	Stratum	discrete	character	See dataset of Block-3 for details
V58	Sub_Stratum	Sub-Stratum	discrete	character	See dataset of Block-3 for details
V59	FSU	FSU Serial No.	discrete	character	See dataset of Block-3 for details
V60	B3_q1	Srl no. of slum	discrete	character	See dataset of Block-3 for details
V61	B4_q1c3	Condition-approach road	discrete	character	Condition of the mentioned facility in the slum area
V62	B4_q1c4	Source-approach road	discrete	character	source of improvement of the facility mentioned
V63	B4_q2c3	Condition-within road	discrete	character	Condition of the mentioned facility in the slum area
V64	B4_q2c4	Source-within road	discrete	character	source of improvement of the facility mentioned
V65	B4_q3c3	Condition-water supply	discrete	character	Condition of the mentioned facility in the slum area
V66	B4_q3c4	Source-water supply	discrete	character	source of improvement of the facility mentioned
V67	B4_q4c3	Condition-street lights	discrete	character	Condition of the mentioned facility in the slum area
V68	B4_q4c4	Source-street lights	discrete	character	source of improvement of the facility mentioned

ID	Name	Label	Type	Format	Question
V69	B4_q5c3	Condition-electricity	discrete	character	Condition of the mentioned facility in the slum area
V70	B4_q5c4	Source-electricity	discrete	character	source of improvement of the facility mentioned
V71	B4_q6c3	Condition-latrine facility	discrete	character	Condition of the mentioned facility in the slum area
V72	B4_q6c4	Source-latrine facility	discrete	character	source of improvement of the facility mentioned
V73	B4_q7c3	Condition-sewerage	discrete	character	Condition of the mentioned facility in the slum area
V74	B4_q7c4	Source-sewerage	discrete	character	source of improvement of the facility mentioned
V75	B4_q8c3	Condition-drainage	discrete	character	Condition of the mentioned facility in the slum area
V76	B4_q8c4	Source-drainage	discrete	character	source of improvement of the facility mentioned
V77	B4_q9c3	Condition-garbage disposal	discrete	character	Condition of the mentioned facility in the slum area
V78	B4_q9c4	Source-garbage disposal	discrete	character	source of improvement of the facility mentioned
V79	Wgt_ss	Multiplier-Subsample-wise	contin	numeric	
V80	Wgt_combined	Multiplier-combined	contin	numeric	
V81	NSS	NSS	contin	numeric	
V82	NSC	NSC	contin	numeric	
V83	Wgt_posted	Multiplier Posted	contin	numeric	

Key to locate slum serial no (KEY_Slum_srlno)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 7	

Key to locate FSU (KEY_FSU)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 5	

Record Identifier(indicates block no) (Rec_ID)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 2	

Description

Indicate block number of schedule

Round Schedule (Rnd_Sch)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 4	

Description

Indicates Round no of NSS survey(first 2 digit) and schedule number (next 2 digit)

Sub-Round (Sub_Round)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

The survey period of this round was divided into two sub-rounds of three months duration each as follows:

Sub-round 1: July-September 2002
Sub-round 2: October-December 2002

Literal question

Sub-round

Sub-sample (Sub_sample)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

FSUs were selected in the form of two independent sub-samples in both the sectors.

Literal question

Sub-sample

Sector (Sector)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

In the NSS, the domains of study are usually rural and urban areas within a zone, state, region or district. The rural and urban areas of the country are taken as adopted in the latest population census.

Literal question

Sector code

State (State)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 2	

Description

States and Union Territories are the broad domains of study in the NSS. They are assigned 2 digited codes,

Literal question

State code

Region (Region)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

States have been divided into regions by grouping contiguous districts similar in respect of population density and crop pattern. In Gujarat, however, some districts have been split for the purpose of region formation, considering the location of dry areas and the distribution of tribal population in the state. The compositions of the regions are given in Appendix-II of instruction manual

Literal question

Region code

District (District)
File: Block-3-records

Overview	

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Literal question	

District code

Stratum (Stratum)
File: Block-3-records

Overview	

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Description	

In the urban sector, stratum was formed within each NSS region on the basis of size class of towns as per Census 1991 town population The stratum number and their composition (within each region) are given below:

stratum 1:all towns with population (P) < 0.1 mliln
stratum 2:all towns with 0.1= P < 0.5 million
stratum 3:all towns with 0.5= P < 1 million
stratum 4,5,6, ... each town with P= 1 million

The stratum numbers was retained as above even if, in some regions, some of the stratum is not formed.

Literal question	

Stratum

Sub-Stratum (Sub_Stratum)
File: Block-3-records

Overview	

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Description	

To cover more number of households living in slums, in urban sector each stratum was divided into 2 sub-strata as follows:
sub-stratum 1: all UFS blocks having area type 'slum area'
sub-stratum 2: remaining UFS blocks.
If there was one UFS block with area type 'slum area' within a stratum, sub-stratum 1 was not formed; it was merged with sub-stratum 2.

Literal question	

Sub-Stratum

FSU Serial No. (FSU)
File: Block-3-records

Overview	

Type: Discrete
Format: character
Width: 5

Valid cases: 692
Invalid: 0

Description	

FSU Serial No. (FSU)
File: Block-3-records

A stratified multi-stage design has been adopted for the 58th round survey.The first stage units (FSU) are Urban Frame Survey (UFS) blocks in the urban sector. For towns with no UFS frame available (applicable to Leh and Kargil towns of J & K), each town is treated as an FSU.

Literal question

First Stage Unit serial no

No. of slums (B1_q13)
File: Block-3-records

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0

Valid cases: 692
Invalid: 0

Literal question

No. of slums in the block

Interviewer instructions

The total number of slums, both the notified ones as well as the others, found in the sample block will be recorded against this item.

Informant code (B1_q14)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Informant code

Interviewer instructions

he information in blocks 3 and 4 are to be collected from one or more knowledgeable person(s) from the slum(s). The source of such information collected in blocks 3 and 4 is to be reported in this item. In case there is more than one source, the code will relate to the source from which maximum information has been collected.

Date of Survey (B2_q2)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 692
Invalid: 0

Srl no. of slum (B3_q1)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Srl no. of slum (B3_q1)
File: Block-3-records

Literal question

srl. number of the slum in the block

Interviewer instructions

The serial number of the slum for which information is being collected in Q.2 to 25 is to be recorded.

No. of hhlds. (B3_q2)
File: Block-3-records

Overview

Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 4	Minimum: 20
Decimals: 0	Maximum: 3500
Range: 20-3500	Mean: 162.4
	Standard deviation: 296.4

Literal question

Approximate number of households in the slum

Interviewer instructions

The number of households residing in the slum as ascertained from local enquiry will be recorded in this column.

Area of the slum (B3_q3)
File: Block-3-records

Overview

Type: Discrete	Valid cases: 691
Format: character	Invalid: 0
Width: 1	

Literal question

Approximate area of the slum

Interviewer instructions

The approximate area of the slum as ascertained by the investigator will be recorded in this column in codes. The class intervals are mentioned in hectares.

Slum notified (B3_q4)
File: Block-3-records

Overview

Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Is the slum a notified one?

Interviewer instructions

The information whether the slum is a notified one or not will have to be ascertained from the local panchayat, municipality or other appropriate authorities. This will be recorded against this column in terms of codes. Code 1 is to be recorded if the slum is notified; else code 2 will be recorded.

Year of notification (B3_q5)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 360
Invalid: 0

Literal question

If code 1 in col. 4, year of notification

Interviewer instructions

If the slum is a notified one, the year of notification by the appropriate government agency i.viz., panchayat, municipality or any other appropriate authority, will be recorded in this column. The last two digits of the year are to be reported in the two cells provided in this column, e.g., 1985 will be recorded as 85, 2000 will be recorded as 00.

Ownership of the land (B3_q6)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Ownership of the land where slum is located

Interviewer instructions

The ownership of the land under the slum will be recorded in this column in terms of codes. If there is more than one owner, code will relate to the owner of maximum area

Type of area (B3_q7)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Type of area surrounding the slum:

Interviewer instructions

The type of area does not refer to the slum area but the area surrounding the slum. The type of the area surrounding the slum will be recorded in terms of codes.

Location of slum (B3_q8)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 691
Invalid: 0

Literal question

Location of slum

Interviewer instructions

The location of the slum refers to the part of the town in which the slum is situated. The appropriate code depending on the location of the slum is to be recorded in this column. Fringe area is the border of the town.

Physical location (B3_q9)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Physical location of the slum:

Interviewer instructions

Physical location of the slum refers to the place where the slum is located.

Waterlogged? (B3_q10)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 691
Format: character	Invalid: 0
Width: 1	

Literal question

Does the slum usually remain waterlogged during monsoon?:

Interviewer instructions

Information as to whether the slum area usually remains waterlogged for some days during monsoon will be recorded in terms of codes against this item. Code 1 is to be recorded if the slum usually remains waterlogged during monsoon and code 2, otherwise.

Approach road waterlogged? (B3_q11)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 691
Format: character	Invalid: 0
Width: 1	

Literal question

Does the approach road / lane / constructed path usually remain waterlogged in monsoon?

Interviewer instructions

Information as to whether the approach road / lane / constructed path to the slum usually remains waterlogged for some days during monsoon.

will be recorded in terms of codes against this item. Code 1 is to be recorded if the approach road/lane/path to slum usually remains waterlogged during monsoon and code 2, otherwise.

Electricity? (B3_q12)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Whether the slum has electricity?:

Interviewer instructions

Electricity? (B3_q12)
File: Block-3-records

The information in appropriate codes is to be entered in this column. Even, if the streetlights are only on the boundary of the slum, code 1 will be recorded. Instead of streetlight, in some places, if some lights at two or three important positions are found to be fixed, it will also be treated as having street lights.

Type of structure (B3_q13)
File: Block-3-records

Overview	
Type: Discrete Format: character Width: 1	Valid cases: 692 Invalid: 0

Literal question

Type of structure of the majority of houses

Interviewer instructions

The information is to be recorded in terms of codes.

Type of road/lane (B3_q14)
File: Block-3-records

Overview	
Type: Discrete Format: character Width: 1	Valid cases: 690 Invalid: 0

Literal question

Type of road / lane / constructed path within the slum.

Interviewer instructions

The information will relate to the road used by the slum dwellers as main thoroughfare. For a katcha road, code 1 will be recorded and for a pucca road code 2 will be recorded.

A road, made of pucca materials like asphalt, cement, concrete, burnt bricks / tiles, stones, slabs, etc. will be treated as a pucca road. A road not made of pucca material is a katcha road.

If there is more than one road, the one used by most of the households will be considered. If some part of the road used is pucca and the remaining is katcha, then the type of road will be determined by considering major length falling in a particular type.

Approach road to slum (B3_q15)
File: Block-3-records

Overview	
Type: Discrete Format: character Width: 1	Valid cases: 692 Invalid: 0

Literal question

Approach road / lane / constructed path to the slum.

Interviewer instructions

The approach road will mean the main road leading to the slum area. If there is more then one approach road, the one which is used by majority of slum dwellers is to be considered for this purpose. The construction type of the approach road or lane or constructed path for entrance to the slum area will be recorded in terms of codes. A motorable road is one, which is wide enough for a motorcar to pass through.

Distance from motorable road (B3_q16)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 175
Invalid: 0

Literal question

For code 3 or code 4 in col. 15, distance from the nearest motorable road.

Interviewer instructions

This column will be filled in if the approach road / lane / constructed path for entrance to the slum area is non-motorable. Otherwise, a "-" may be put in this column. The distance from the nearest motorable road is to be recorded in terms of code.

Major source of drinking water (B3_q17)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Major source of drinking water.

Interviewer instructions

Information about the major source of drinking water available for the slum dwellers will be ascertained and recorded in terms of codes. If an arrangement is made by corporation, municipality, panchayat or other local authorities or any private or public housing estate or agency to supply water through pipe then code 1 will be given.

Latrine facility (B3_q18)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Literal question

Latrine facility used by most of the residents.

Interviewer instructions

The latrine facility used by most of the slum dwellers is to be noted in codes against this item.

Sewerage system (B3_q19)
File: Block-3-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Does the slum have underground sewerage system?

Interviewer instructions

Sewerage system (B3_q19)
File: Block-3-records

Sewerage system contains underground pipe or conduit for carrying off drainage water, waste matter, discharge from water closets, etc. This information as ascertained from the informant(s) is to be recorded in codes. Code 1 is to be given if there is an underground sewerage system and code 2 otherwise.

Drainage system (B3_q20)
File: Block-3-records

Overview

Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Type of drainage system

Interviewer instructions

A system for carrying off waste water and liquid wastes of the area will be considered as the drainage system. The type of drainage system existing in the slum area is to be entered in terms of codes against this item.

Garbage disposal (B3_q21)
File: Block-3-records

Overview

Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Garbage disposal for the slum.

Interviewer instructions

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 make 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 will be obtained and entered in codes.

Frequency of collection (B3_q22)
File: Block-3-records

Overview

Type: Discrete	Valid cases: 399
Format: character	Invalid: 0
Width: 1	

Literal question

If code 1 in col. 21, frequency of collection.

Interviewer instructions

If the garbage disposal is arranged by panchayat / municipality / corporation, then this item is to be filled in terms of codes. Otherwise, a "-" may be put in this column.

Distance from primary school (B3_q23)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Distance from nearest primary school.

Interviewer instructions

The distance from the nearest school having primary classes will be recorded in terms of codes. Distance from the nearest facility will be considered if the facility is available to the slum dwellers. The distance will be considered from the centre of the slum.

Association (B3_q25)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Do the slum dwellers have an association for improving the condition of the slum?

Interviewer instructions

It is to be enquired whether there is an association of the slum dwellers for improving the condition of the slum. The information is to be recorded in terms of codes. If the slum dwellers have any such association code 1 will be recorded, otherwise code 2 will be recorded.

Distance from govt. hospital (B3_q24)
File: Block-3-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Distance from nearest government hospital / health centre etc.

Interviewer instructions

The distance from the nearest government hospital / health centre will be recorded in terms of codes. Distance from the nearest facility will be considered if the facility is available to the slum dwellers. The distance will be considered from the centre of the slum.

Multiplier-Subsample-wise (Wgt_SS)
File: Block-3-records

Overview	
Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 6	Minimum: 2.5
Decimals: 2	Maximum: 911
Range: 2.5-911	Mean: 149.4
	Standard deviation: 129.5

Multiplier-combined (Wgt_combined)
File: Block-3-records

Overview	

Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 6	Minimum: 1.3
Decimals: 2	Maximum: 455.5
Range: 1.25-455.5	Mean: 74.7
	Standard deviation: 64.8

NSS (NSS)
File: Block-3-records

Overview	

Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 57
Range: 1-57	Mean: 10.6
	Standard deviation: 12.4

Description

Variables posted for generating final multiplier

NSC (NSC)
File: Block-3-records

Overview	

Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 3	Minimum: 2
Decimals: 0	Maximum: 114
Range: 2-114	Mean: 21.3
	Standard deviation: 24.7

Description

Variables posted for generating final multiplier

Multiplier Posted (Wgt_posted)
File: Block-3-records

Overview	

Type: Continuous	Valid cases: 692
Format: numeric	Invalid: 0
Width: 5	Minimum: 250
Decimals: 0	Maximum: 91100
Range: 250-91100	Mean: 14938.8
	Standard deviation: 12954

Description

Variables posted for generating final multiplier

Key to locate slum serial no (KEY_Slum_Srllno)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 7	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Key to locate FSU (KEY_FSU)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 5	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Record Identifier(indicates block no) (Rec_ID)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 2	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Round Schedule (Rnd_Sch)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 4	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Sub-Round (Sub_Round)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Sub-sample (Sub_sample)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Sector (Sector)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

State (State)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 2	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Region (Region)
File: Block-4-records

Overview	

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

District (District)
File: Block-4-records

Overview	

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Stratum (Stratum)
File: Block-4-records

Overview	

Type: Discrete
Format: character
Width: 2

Valid cases: 692
Invalid: 0

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Sub-Stratum (Sub_Stratum)
File: Block-4-records

Overview	

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

FSU Serial No. (FSU)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 5	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Srl no. of slum (B3_q1)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 2	

Description

See dataset of Block-3 for details

Literal question

See dataset of Block-3 for details

Condition-approach road (B4_q1c3)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

From the informant(s), it is to be ascertained whether or not there has been any improvement or deterioration in the condition of the slum area during the last 5 years in regard to roads (approach and those inside the slum), water supply, street light, electricity, latrine facility, sewerage, drainage system and garbage disposal. The relevant information will be recorded in codes under respective question.
If some facility was never available during the last 5 years, then code 2 will be recorded. However, if a facility is enjoyed by most of the households illegally, such as electricity through illegal tapping, such a facility will not be considered.

Source-approach road (B4_q1c4)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 304
Format: character	Invalid: 0
Width: 1	

Literal question

source of improvement of the facility mentioned

Interviewer instructions

Source-approach road (B4_q1c4)
File: Block-4-records

This item will be filled in if there has been some improvement in the condition of the slum in regard to the items given above(Q2c3). If any improvement has taken place during last 5 years, then the organisation/agency by which this improvement has been brought about will be ascertained and the same recorded in terms of code.

Condition-within road (B4_q2c3)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-within road (B4_q2c4)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 248
Format: character	Invalid: 0
Width: 1	

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-water supply (B4_q3c3)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 692
Format: character	Invalid: 0
Width: 1	

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-water supply (B4_q3c4)
File: Block-4-records

Overview	
Type: Discrete	Valid cases: 291
Format: character	Invalid: 0
Width: 1	

Literal question

Source-water supply (B4_q3c4)
File: Block-4-records

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-street lights (B4_q4c3)
File: Block-4-records

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 692

Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-street lights (B4_q4c4)
File: Block-4-records

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 221

Invalid: 0

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-electricity (B4_q5c3)
File: Block-4-records

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 692

Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-electricity (B4_q5c4)
File: Block-4-records

Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 218

Invalid: 0

Source-electricity (B4_q5c4)
File: Block-4-records

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-latrine facility (B4_q6c3)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-latrine facility (B4_q6c4)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 200
Invalid: 0

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-sewerage (B4_q7c3)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-sewerage (B4_q7c4)
File: Block-4-records

Overview

Source-sewerage (B4_q7c4)
File: Block-4-records

Type: Discrete
Format: character
Width: 1

Valid cases: 107
Invalid: 0

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-drainage (B4_q8c3)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-drainage (B4_q8c4)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 179
Invalid: 0

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Condition-garbage disposal (B4_q9c3)
File: Block-4-records

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 692
Invalid: 0

Literal question

Condition of the mentioned facility in the slum area

Interviewer instructions

See B4_q1c3 for details.

Source-garbage disposal (B4_q9c4)
File: Block-4-records

Source-garbage disposal (B4_q9c4)
File: Block-4-records

Overview	

Type: Discrete
Format: character
Width: 1

Valid cases: 194
Invalid: 0

Literal question

source of improvement of the facility mentioned

Interviewer instructions

See B4_q1c4 for details.

Multiplier-Subsample-wise (Wgt_ss)
File: Block-4-records

Overview	

Type: Continuous
Format: numeric
Width: 6
Decimals: 2
Range: 2.5-911

Valid cases: 692
Invalid: 0
Minimum: 2.5
Maximum: 911
Mean: 149.4
Standard deviation: 129.5

Multiplier-combined (Wgt_combined)
File: Block-4-records

Overview	

Type: Continuous
Format: numeric
Width: 6
Decimals: 2
Range: 1.25-455.5

Valid cases: 692
Invalid: 0
Minimum: 1.3
Maximum: 455.5
Mean: 74.7
Standard deviation: 64.8

NSS (NSS)
File: Block-4-records

Overview	

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-57

Valid cases: 692
Invalid: 0
Minimum: 1
Maximum: 57
Mean: 10.6
Standard deviation: 12.4

NSC (NSC)
File: Block-4-records

Overview	

NSC (NSC)
File: Block-4-records

Type: Continuous
Format: numeric
Width: 3
Decimals: 0
Range: 2-114

Valid cases: 692
Invalid: 0
Minimum: 2
Maximum: 114
Mean: 21.3
Standard deviation: 24.7

Multiplier Posted (Wgt_posted)
File: Block-4-records

Overview

Type: Continuous
Format: numeric
Width: 5
Decimals: 0
Range: 250-91100

Valid cases: 692
Invalid: 0
Minimum: 250
Maximum: 91100
Mean: 14938.8
Standard deviation: 12954

Documentation

Questionnaires

NSS 58th Round Schedule 0.21-Particulars of Slum

Title	NSS 58th Round Schedule 0.21-Particulars of Slum
Author(s)	NSSO
Country	India
Language	English
Filename	Schedule_58_0.21.pdf

Reports

Condition of Urban Slums-Salient features

Title	Condition of Urban Slums-Salient features
Author(s)	NSSO
Country	India
Language	English
Filename	Report-486-condition of urban slums.pdf

IHSN Study Report NSS 58R Schedule 0.21

Title	IHSN Study Report NSS 58R Schedule 0.21
Country	India
Language	English
Filename	IHSN Study Report-NSS58R-Schedule 0.21.pdf

Technical documents

Note on sample design and estimation procedure of NSS 58th

Title	Note on sample design and estimation procedure of NSS 58th
Author(s)	NSSO
Country	India
Language	English
Filename	Estimation Procedure_58.pdf

System Design NSS 58Round

Title	System Design NSS 58Round
Author(s)	NSSO
Country	India
Language	English

Filename   System-doc NSS58.pdf

Other materials

Instructions to Field Staff Vol-11

Title   Instructions to Field Staff Vol-11
Author(s) NSSO
Country   India
Language English
Filename Instrn to Field Staff.pdf

List of NSS

Title   List of NSS
Author(s) NSSO
Country   India
Language English
Filename List of NSS Regions-NSS58.pdf

List of State Codes

Title   List of State Codes
Author(s) NSSO
Country   India
Language English
Filename State Codes_NSS 58R.pdf