

RURAL		*
URBAN		

CENTRAL		*
STATE		

**GOVERNMENT OF INDIA**  
**NATIONAL SAMPLE SURVEY OFFICE**  
**SOCIO-ECONOMIC SURVEY**  
**SIXTY-NINTH ROUND: JULY 2012 – DECEMBER 2012**  
**SCHEDULE 1.2: DRINKING WATER, SANITATION, HYGIENE**  
**and HOUSING CONDITION**

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

[1] identification of sample household							
item no.	item	code			item no.	item	code
1.	srl. no. of sample village/block				11.	sub-sample	
2.	round number	6		9	12.	FOD sub-region	
3.	schedule number	1	2	0	13.	sample hg/sb number (1/2)	
4.	sample ( <i>central-1, state-2</i> )				14.	second-stage stratum	
5.	sector ( <i>rural-1, urban-2</i> )				15.	sample household number	
6.	NSS region				16.	informant's relation to head (code)	
7.	district				17.	response code	
8.	stratum				18.	survey code	
9.	sub-stratum				19.	reason for substitution of original household (code)	
10.	sub-round						

**Codes for Block 1**

*item 16: informant's relation to head: head of household – 1, other member(s) of household – 2, non-member of the household closely associated with the household – 9.*

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

*item 18: survey code: household surveyed: original -1, substitute -2, casualty -3.*

*item 19: reason for substitution of original household: informant busy -1, members away from home -2, informant non-cooperative -3, others -9.*

\* tick mark (✓) may be put in the appropriate place.

**Codes for Block 3**

item 6 and item 7: **level of education:**

not literate -01, literate without formal schooling: 02; literate: below primary -03, primary -04, upper primary/ middle -05, secondary -06, higher secondary -07, diploma/certificate course (below graduate level) -08, graduate -09, postgraduate and above -10.

item 10: **household type:**

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

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

item 11: **religion:** Hinduism -1, Islam -2, Christianity -3, Sikhism -4, Jainism -5, Buddhism -6, Zoroastrianism -7, others -9.

item 12: **social group:** scheduled tribe -1, scheduled caste -2, other backward class -3, others-9.

item 13: **land possessed (area in hectare):**

<i>area in hectare</i>	<i>code</i>	<i>area in hectare</i>	<i>code</i>
less than 0.005	01	2.01 – 3.01	07
0.005 - 0.02	02	3.01 - 4.01	08
0.02 - 0.21	03	4.01 - 6.01	10
0.21 - 0.41	04	6.01 - 8.01	11
0.41 - 1.01	05	greater than or equal to	
1.01 – 2.01	06	8.01	12

**Note:** 1 acre = 0.4047 hectare, 1 hectare=10,000 square metre

item 14: **tenurial status of dwelling:** owned: freehold-1, leasehold-2; hired: employer quarter-3, hired dwelling units with written contract-4, hired dwelling units without written contract-5; others-9, no dwelling -6.

item 16: **distance:** not required to travel-1; travelled a distance of: less than 1 k.m.-2, 1 k.m. or more but less than 5 k.m.-3, 5 k.m. or more but less than 10 k.m. - 4, 10 k.m. or more but less than 15 k.m. - 5, 15 k.m. or more but less than 30 k.m. - 6, 30 k.m. or more-7.

item 25: **sources of finance:**

own source (including own labour ).....	01
<b>institutional agencies</b>	
government.....	02
bank .....	03
insurance.....	04
provident fund (advance/loan).....	05
financial corporation/institution.....	06
other institutional agencies.....	07
<b>non-institutional agencies</b>	
money lender.....	08
friends and relatives.....	09
other non-institutional agencies.....	10

[3] household characteristics										
1.	household size	male			16.	maximum distance to the place of work normally travelled by any earner of the household (code)				
2.		female								
3.		total (sum of items 1 and 2)								
4.	gender of the head of the household (male -1, female -2)				household consumer expenditure (₹) during last 30 days out of:					
5.	age of the head of the household (less than 18 years-1, 18 years and above-2)									
6.	highest level of education among the male members of the household (code)				17.	purchase				
7.	highest level of education among the female members of the household (code)				18.	home produced stock				
8.	principal industry (NIC-2008)	description:				19.	receipts in exchange of goods and services			
		code (5-digit)				20.	gifts and loans			
9.	principal occupation (NCO-2004)	description:				21.	free collection			
		code (3-digit)				22.	total (items 17 to 21)			
10.	household type (code)				<b>information on construction/ purchase of houses or flats</b>					
11.	religion (code)				23.	whether any amount was spent on construction/first-hand purchase of houses/flats for residential purpose during last 365 days (yes-1, no-2)				
12.	social group (code)									
13.	land possessed as on date of survey (code)				24.	if 1 in item 23,	amount spent during last 365 days (₹)			
14.	tenurial status of dwelling (code)				25.		sources of finance (four different sources in descending order of amount financed) (codes)			
15.	if entry 1 to 5 or 9 in item 14, area type in which the dwelling unit is located (notified slum-1, non-notified slum-2, squatter settlement-3, other areas-9)									

[4] particulars of living facilities: drinking water, bathroom, sanitation, etc.							
srl. no.	item	code/entry					
(1)	(2)	(3)					
<b>A. drinking water</b>							
1.	principal source of drinking water (bottled water-01, piped water into dwelling-02, piped water to yard/plot-03, public tap/standpipe-04, tube well/borehole-05, well: protected-06, unprotected-07; spring: protected-08, unprotected-09; rainwater collection -10, surface water: tank/pond-11, other surface water (river, dam, stream, canal, lake, etc.)-12, others (tanker-truck, cart with small tank or drum, etc.)-19)						
2.	whether availability of drinking water from the principal source is sufficient throughout the year? (yes- 1, no - 2)						
3.	if code 2 in item 2, during which calendar months of the year availability of drinking water was not sufficient? (record '1' against the applicable month(s) and rest of the months to be left blank)	Jan	Feb	Mar	Apr	May	Jun
		Jul	Aug	Sep	Oct	Nov	Dec
4.	access to the principal source of drinking water (household's exclusive use- 1, common use of households in the building -2, neighbour's source -3, community use: public source restricted to particular community -4, public source unrestricted-5, private source restricted to particular community-6, private source unrestricted-7; others-9)						
5.	distance to the principal source of drinking water (within dwelling - 1, outside dwelling but within the premises - 2, outside premises: less than 0.2 k.m. - 3, 0.2 to 0.5 k.m. - 4, 0.5 to 1.0 k.m. - 5, 1.0 k.m. to 1.5 k.m. -6, 1.5 k.m. or more -7)						
6.	if codes 3 to 7 in item 5, who fetches drinking water? (member of the household: male of age below 18 years-1, male of age 18 years or more-2, female of age below 18 years-3, female of age 18 years or more-4; non- member of the household: hired labour-5, others-6)						
7.	if codes 3 to 7 in item 5 and codes 1 to 4 in item 6, time taken, in a day, to reach the source of drinking water and back (in minutes)						
8.	if codes 3 to 7 in item 5 and codes 1 to 4 in item 6, waiting time, in a day, at the source of drinking water (in minutes)						
9.	quality of drinking water from the principal source (bad in taste-1, bad in smell-2, bad in taste and smell-3, bad due to other reasons-4, no defect-5)						
10.	if codes 04 to 07 in item 1, is there stagnant water around the source of drinking water? (yes-1, no-2)						
11.	supplementary source of drinking water (code structure same as item 1: principal source of drinking water )						
12.	method of treatment of drinking water by the household (treated: electronic purifier-1, boiling-2, chemically treated with alum-3, chemically treated with bleach/chlorine tablets-4, filtered with water filter (candle, ceramic, sand, etc.)-5, filtered with cloth-6, others-9; not treated-7)						
13.	material of the main container in which drinking water is stored (non-metal: earthen-01, plastic-02, other non-metal-03; metal: iron-04, galvanised iron-05, copper-06, stainless steel-07, brass-08, other metal-09; no storage-10)						
14.	for entry 01 to 09, in item 13, how drinking water is taken out from the main container? (through tap-1, vessel with handle dipped in to take out water-2, vessel without handle dipped in to take out water-3, poured out-4)						

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<b>[4] particulars of living facilities: drinking water, bathroom, sanitation, etc.</b>			
srl. no.	item		code/entry
(1)	(2)		(3)
<b>B. water for all household activities</b>			
15.	principal source of water for all household activities excluding drinking (viz., cooking, washing, bathing, etc.) <b>(code structure same as item 1: principal source of drinking water)</b>		
16.	whether the household gets sufficient water throughout the year for all household activities (viz., drinking, cooking, washing, bathing, etc.) (yes-1, no-2)?		
17.	<b>for entry 02, 03 and 04 in either item 1, 11 or 15</b> , frequency of supply of water ( daily -1, once in two days-2, once in three days-3, once in a week-4, others-9)		
18.	<b>for entry 02 and 03 in either item 1, 11 or 15</b> , whether water is metered ( yes-1, no-2)		
19.	water charges paid (payable) per month to the delivery agency/ organisation/ office	19.1	whether water charges paid (paid and information on full amount of payment is available -1, paid and information on some amount of payment is available -2, paid but no information on amount paid is separately available -3, not required to pay-4)
		19.2	<b>for entry 1 and 2 in item 19.1</b> , average amount paid per month (₹)
<b>C. bathroom</b>			
20.	facility of bathroom ( attached – 1, detached – 2, no bathroom – 3)		
21.	<b>for code 1 and 2 in item 20</b> , access to bathroom (exclusive use of household- 1, common use of households in the building – 2, public/community use – 3, others -9)		
22.	distance from the bathing place (within dwelling – 1, outside dwelling but within the premises – 2, outside premises: less than 0.2 k.m. – 3, 0.2 to 0.5 k.m. – 4, 0.5 to 1.0 k.m. – 5, 1.0 k.m. to 1.5 k.m.-6, 1.5 k.m. or more –7)		
<b>D. latrine</b>			
23.	access to latrine (exclusive use of household-1, common use of households in the building -2, public/community latrine without payment-3, public/community latrine with payment-4, others -9, no latrine-5)		
24.	<b>for codes 1, 2, 3,4 or 9 in item 23</b> , type of latrine (used: flush/pour-flush to: piped sewer system-01, septic tank-02, pit latrine-03, elsewhere (open drain, open pit, open field, etc)-04; ventilated improved pit latrine-05, pit latrine with slab-06, pit latrine without slab/open pit-07, composting toilet-08, others-09; not used-10 )		
25.	<b>for code 10 in item 24</b> , reason for not using latrine (no superstructure -1, not clean/insufficient water-2, malfunctioning of the latrine-3, personal preference -4, cannot afford charges for paid latrine-5, others-9)		
26.	<b>for entry 1, 2, 3, 4 or 9 in item 23</b> , whether all household members of categories specified in items 26.1 to 26.4 are using latrine (yes-1, no-2, not applicable-3) [if the household has no member of a specific category, record '3' against the respective category to indicate not applicable cases]	26.1	male of age below 15 years
		26.2	male of age 15 years and above
		26.3	female of age below 15 years
		26.4	female of age 15 years and above

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<b>[4] particulars of living facilities: drinking water, bathroom, sanitation, etc.</b>			
srl. no.	item	code/entry	
(1)	(2)	(3)	
<b>E. problem of flies and mosquitoes</b>			
27.	whether the household faced problem of flies/mosquitoes during last 365 days (yes: <i>severe-1, moderate-2; no-3</i> )		
28.	whether any effort was made by the Local Bodies/State Government during last 365 days to tackle problem of flies/mosquitoes ( <i>yes-1, no-2, not known-3</i> )		
29.	whether any effort was made by the household during last 365 days to tackle problem of flies/mosquitoes ( <i>yes-1, no-2, not applicable - 3</i> )		
<b>F. specific types of illness of the household members during last 30 days</b>			
30.	whether any of the household member(s) suffered from the types of illness specified in items 30.1 to 30.4 during last 30 days	30.1 stomach problem ( <i>yes-1, no-2</i> )	
		30.2 malaria ( <i>yes-1, no-2</i> )	
		30.3 skin disease ( <i>yes-1, no-2</i> )	
		30.4 fever due to disease other than malaria ( <i>yes-1, no-2</i> )	
<b>G. electricity</b>			
31.	whether the household has electricity for domestic use? ( <i>yes-1, no-2</i> )		
32.	<b>if code 1 in item 31</b> , type of electric wiring ( <i>conduit wiring – 1, fixed to the walls – 2, temporary – 3</i> )		

<b>[5] housing characteristics and micro environment</b> (for the households living in houses, i.e., with codes 1, 2, 3, 4, 5 or 9 in item 14 of block 3)								
srl. no.	item			code / entry				
(1)	(2)			(3)				
1.	plinth level ( <i>in feet and in whole numbers</i> ) ( <i>record '0', if there is no plinth</i> )							
2.	number of floor (s) in the house							
3.	use of house ( <i>residential only – 1, residential-cum-commercial – 2, residential-cum-others – 9</i> )							
4.	<b>if codes 1 or 2 in item 14 of block 3 (i.e., for the household with own dwelling),</b> period since built ( <i>less than 1 year – 1, 1 to 5 years – 2, 5 to 10 years – 3, 10 to 20 years – 4, 20 to 40 years – 5, 40 to 60 years – 6, 60 to 80 years – 7, 80 years or more – 8, not known-9</i> )							
<b>if code 1 or 2 in item 4,</b>			5.	year of start	Y	Y	Y	Y
			6.	year of completion				
7.	condition of structure ( <i>good – 1, satisfactory – 2, bad – 3</i> )							
8.	drainage system ( <i>underground – 1, covered pucca – 2, open pucca – 3, open katcha – 4, no drainage – 5</i> )							
9.	disposal of household waste water ( <i>safe re-use after treatment-1, disposed off without treatment to: open low land areas-2, ponds-3, nearby river-4, drainage system-5; disposed off with or without treatment to other places-9, not known-6</i> )							
10.	arrangement made for collection of garbage from the household ( <i>by panchayet/municipality /corporation – 1, by resident/group of residents – 2, others – 9, no arrangement – 3</i> )							
11.	site where garbage is deposited after removal from the household ( <i>to bio-gas plant or manure pit-1, to community dumping spot-2, to household's individual dumping spot(s)-3, others-9, not known-4</i> )							
12.	<b>if code 2 in item 11,</b> how frequently garbage is cleared ( <i>daily-1, not daily but at least once in a week-2, not even once in a week-3, not known-4</i> )							
13.	animal shed and poultry farm	13.1	existence of animal shed/poultry farm ( <i>attached to the house– 1, detached from the house – 2, no animal shed/poultry farm – 3</i> )					
		13.2	<b>if code 1 or 2 in item 13.1,</b> disposal of animal/poultry excreta ( <i>to bio-gas plant-1, manure pit-2, used as fuel-3, others-9, not known-4</i> )					
14.	whether experienced any flood during last 5 years? ( <i>yes: from excessive rain during monsoon – 1, from river, sea, etc. – 2; no – 3</i> )							
15.	approach road / lane / constructed path ( <i>direct opening to: motorable road / lane / constructed path with street light – 1, motorable road / lane / constructed path without street light – 2, other road / lane / constructed path with street light – 3, other road / lane / constructed path without street light – 4; no direct opening to road / lane / constructed path – 5</i> )							

Note: for items relating to 'house', information will be collected for the whole 'structure' in which the dwelling unit is located.

<b>[6] particulars of the dwelling</b> (for the households living in houses, i.e., with codes 1, 2, 3, 4, 5 or 9 in item 14 of block 3)		
srl. no.	item	code / entry
(1)	(2)	(3)
1.	type of the dwelling ( <i>independent house – 1, flat – 2, others – 9</i> )	
2.	number of rooms in the dwelling	living rooms
3.		other rooms
4.	floor area of the dwelling ( <i>in square feet and in whole numbers</i> )	living rooms
5.		other rooms
6.		covered veranda
7.		uncovered veranda
8.		<b>total (sum of items 4 to 7)</b>
9.	ventilation of the dwelling unit ( <i>good – 1, satisfactory – 2, bad – 3</i> )	
10.	total number of married couples in the household	
11.	<b>if entry &gt; 0 in item 10</b> , number of married couples having separate room	
12.	kitchen type ( <i>separate kitchen: with water tap – 1, without water tap – 2; no separate kitchen – 3</i> )	
13.	floor type ( <i>mud – 1, bamboo / log – 2, wood / plank – 3, brick / lime stone / stone – 4, cement – 5, mosaic / tiles – 6, others – 9</i> )	
14.	wall type ( <i>grass/ straw/ leaves/ reeds/ bamboo, etc. – 1, mud (with / without bamboo) / unburnt brick – 2, canvas / cloth – 3, other katcha – 4, timber – 5, burnt brick / stone / lime stone – 6, iron or other metal sheet – 7, cement / RBC / RCC – 8, other pucca – 9</i> )	
15.	roof type ( <i>grass/ straw/ leaves/ reeds/ bamboo etc. – 1, mud / unburnt brick – 2, canvas / cloth – 3, other katcha – 4, tiles / slate – 5, burnt brick / stone / lime stone – 6, iron / zinc / other metal sheet / asbestos sheet – 7, cement / RBC / RCC – 8, other pucca – 9</i> )	
16.	if hired ( <b>i.e., if code 3, 4 or 5 in item 14 of bl. 3</b> )	monthly rent (₹) ( <i>payable approach</i> )

[7] some general particulars of the households living in houses, i.e., with codes 1, 2, 3, 4, 5 or 9 in item 14 of block 3		
srl. no.	item	code / entry
(1)	(2)	(3)
<b>A. for all households</b>		
1.	duration of stay in the present area* (years)	
2.	whether the household moved to the present area during last 365 days (yes-1, no-2)	
3.	where the household was residing before coming to the present area? (in slum/squatter settlement of the same town – 1, in other areas of the same town -2, in slum/squatter settlement of other town – 3, in other areas of other town-4, village – 5)	
4.	<b>if 1 in item 2,</b> type of structure of the accommodation availed of immediately before coming to the present area (pucca – 1, semi -pucca – 2, katcha – 3, no dwelling – 4)	
5.	reason for movement to the present area (free / low rent – 1, independent accommodation – 2, accommodation in better locality-3, employment related reasons: proximity to place of work – 4, other employment related reasons-5; others – 9)	
6.	number of members who moved into the household during the last 365 days	
7.	number of members who moved out of the household during the last 365 days	
<b>B. for households living in slums/squatter settlements (for urban only) (dwellings of area type code 1, 2 or 3 in item 15, block 3)</b>		
8.	does the head of the household possess any of the documents pertaining to the residence status in the slum/squatter settlement? (possesses: ration card – 1, voter ID card – 2, passport – 3, any combination of codes 1 to 3 – 4, other – 9; none – 5)	
9.	whether the household received any benefit as a slum/squatter settlement dweller (received allotment of land / tenement – 1, received other benefits – 9; received no benefit – 2)	
10.	whether the household tried to move out of the slum/squatter settlement (yes – 1, no – 2)	
11.	<b>if code 1 in item 10,</b> main reason (better accommodation - 1, proximity to place of work - 2, social / religious factors – 3, others – 9)	
*: The present area is the area in which the household is being enumerated and is identified by the area types as recorded in item 15 of block 3, viz., notified slum, non-notified slum, squatter settlement and other areas. Other areas' will mean a village in rural sector and for urban sector, the areas in the town other than notified slum, non-notified slum or squatter settlement. Thus present area means <b>present village or present slum or present squatter settlement or other areas of the town.</b>		

[2] particulars of field operations							
srl. no.	item	field investigator (FI) /assistant superintending officer (ASO)			field officer (FO)/ superintending officer (SO)		
(1)	(2)	(3)			(4)		
1 (a)	i) name (block letters)						
	ii) employee code						
	iii) signature						
1 (b)	i) name (block letters)						
	ii) employee code						
	iii) signature						
2.	date(s) of :	DD	MM	YY	DD	MM	YY
	(i) survey/ inspection						
	(ii) receipt						
	(iii) scrutiny						
	(iv) despatch						
3.	total time taken to canvass the schedule by the team of investigators (FI/ASO) (in minutes)						
4.	number of investigators (FI/ASO) in the team						
5.	whether any remarks have been entered by FI/ASO/ supervisory officer (yes -1, no-2)	(i) in block 8/ 9					
		(ii) elsewhere in the schedule					

[8] remarks by investigators (FI/ASO)

[9] comments by supervisory officer(s)