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भारत सरकार
GOVERNMENT OF INDIA

राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन
NATIONAL SAMPLE SURVEY ORGANISATION

इकतीसवां दौर
THIRTY FIRST ROUND

जुलाई 1976—जून 1977
JULY 1976—JUNE 1977

संख्या 302/4
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दस लाख से ऊपर की जनसंख्या वाले नगरों की
भोपड़-पट्टियों में परिवारों की समाजार्थिक स्थिति
पर किए गए सर्वेक्षण पर टिप्पणियों सहित
तालिकाएं : दिल्ली नगर निगम

TABLES WITH NOTES ON SURVEY ON SOCIO-ECONOMIC
CONDITION OF HOUSEHOLDS IN SLUMS IN MILLION-PLUS
CITIES : DELHI M.C

1983

सांख्यिकी विभाग
DEPARTMENT OF STATISTICS

नई दिल्ली
NEW DELHI



भारत सरकार
राष्ट्रीय प्रतिदर्श सर्वेक्षण संगठन
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मई 1983

सांख्यिकी विभाग
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GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
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(JULY 1976 - JUNE 1977)

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PLUS CITIES : DELHI M.C.

MAY 1983

DEPARTMENT OF STATISTICS

NEW DELHI

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GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
THIRTYFIRST ROUND : JULY 1976 - JUNE 1977

NUMBER - 302/4
TABLES WITH NOTES ON

SOCIO-ECONOMIC CONDITION OF HOUSEHOLDS IN SLUMS IN
MILLION-PLUS CITIES : ~~DELHI~~ DELHI M.C.

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NATIONAL SAMPLE SURVEY ORGANISATION
THIRTYFIRST ROUND : JULY 1976 - JUNE 1977

TABLES WITH NOTES

ON

SOCIO-ECONOMIC CONDITION OF HOUSEHOLDS
IN SLUMS IN MILLION-PLUS CITIES : DELHI M.C.

SECTION ONE

INTRODUCTION

1.1 A survey on socio-economic condition of households in slums in urban areas was conducted by the National Sample Survey Organisation in its thirtyfirst round from July 1976 to June 1977. This survey was restricted to slums in cities only, i.e., Class I towns with a population of one Lakh or above as per 1971 census. There were 148 cities in India as per 1971 census. The city proper and not the urban agglomeration was considered for survey coverage.

1.2 All the States and Union Territories participating in the NSS on a matching basis also participated in this survey by canvassing a sample at least of equal size as the central sample in slums in cities in respective States and Union Territories.^{a/}

1.3 The initial problem for this survey was to procure a suitable up-to-date list of slums for each of the cities under survey coverage. Some lists of slums were available with the respective Corporation, Municipal or other local authority. It was felt, however, that such lists were not complete and up-to date and naturally did not cover all slum areas. Considering limitations of resources and other aspects of the problem it was ultimately decided to restrict the survey to declared slums in eight big 'million-plus' cities viz., Calcutta, Bombay, Delhi M.C., Madras, Ahmedabad, Kanpur, Bangalore and Hyderabad having 1971 census population 1 million or above. With respect to other cities with a population of less than one million as per 1971 census it was decided that the list of declared slums should be augmented by adding more "slum like" areas to the lists. It was decided that the investigators should go round the city and identify such slum areas and prepare a list of those slums not included in the list obtained from the civic authorities. For identifying and demarcating such slum areas a slum was defined as "an areal unit having 25 or more inhabited kutcha structures mostly of temporary nature or with 50 or more households residing mostly in kutcha structures, huddled together, with practically no private latrine or inadequate public latrine and water supply facilities" ^{b/}.

a/ This survey was not conducted in Srinagar and Imphal.

b/ The method as adopted was finalised in the Central Training Conference for the thirtyfirst rd. of NSS held at New Delhi on 7-8 April 1976.

1.4 The basic sample design for this survey was a two stage design with each city as a stratum and slums in a city as first stage units and households in slums as second stage units. In eight 'million-plus' cities viz. Calcutta, Bombay, Delhi M.C, Madras, Kanpur, Ahmedabad, Bangalore and Hyderabad, the frame of slums was the list of declared slums collected from respective corporation or other appropriate authorities. In other cities this list of slums was augmented by adding more areal units having "slum like" characteristics.^{c/} In 'million-plus' cities from the lists of declared slums and in other cities from the augmented lists of slums samples of slums ^{d/} selected circular systematically with probability proportional to size where size was an approximate measure of slum population. Sample slums with large population content were divided into 2 or more sub-divisions of approximately equal population content and one of the divisions was selected at random for detailed survey. In each sample slum/sub-division of slum all the households were listed. From this frame of households a sample of households was selected circular systematically for detailed enquiry in schedule 16.3 : Economic condition of slum dwellers.

1.5 This report is based on data collected in schedule 16.3 : Economic condition of slum dwellers - canvassed in the central sample in slums of *Delhi M.C.* city. It presents information on demographic particulars, education standard, education of children, employment, income, expenditure and indebtedness, housing condition etc. of slum dwellers of the *Delhi M.C.* city. Some of the important findings of the survey as observed on the basis of survey results are presented in Section 2. Detailed statistical tables are given in Appendix I. Appendix II gives the important concepts and definitions used in the survey. A note on the estimation procedure is given in appendix III.

c/ For carving out such "undeclared slums" in 50 PC. of the cities the job was done by the staff of FOD, NSSO and in the residual 50 pc. by the staff of the corresponding SSB participating in NSS survey work.

d/ Sample size was determined on the basis of the strength of the field staff available for the survey.

1.6 This report, as presented here, has been revised after taking into consideration the comments on the report and comments of similar nature received on earlier occasion on draft reports on slum households of Calcutta, Bombay and Madras (NSS Report nos. 302/1, 2 & 3). An enlarged version of an Appendix (Appendix IV) has been enclosed in the report where some selected demographic and socio-economic characteristics of slum households of the city have been presented alongwith corresponding characteristics for all urban households of (a) the state and (b) the city for a comparative study at a glance. The comparative figures have been taken from the surveyed households of 32nd round of the NSS (July 1977 - June 1978).

SECTION TWOSUMMARY RESULTS

2.1 In the city of Delhi 131 sample slum areas were surveyed out of 132 sample slums allotted for survey, selected out of a total of 1989 census urban blocks covered by the declared slum areas. Within the sample slum areas, information on socio-economic aspects of slum dwellers were collected from 1665 sample households out of 1848 sample households allotted for survey. Total number of persons enumerated in 1665 surveyed sample households was 8156. Survey results are presented on the basis of an estimated number of nearly 1.6 lakhs households covering an estimated population of nearly 7.9 lakhs within these slum areas. Tabulated data in their aggregates have been furnished in Appendix I while some broad information are presented in Table S-1 below.

Table (S-1) : Some selected socio-economic characteristics of ~~relating to~~ slum dwellers of Delhi city

1.	household size	4.95
2.	per household number of children 0-14 years	1.94
	females 15 & over	1.35
	males 15 & over	1.66
3.	females per 100 persons	45
4.	percentage of children 5-14 years not attending school	23
5.1.	percentage of literate males	60
5.2.	percentage of literate females	42
6.1.	percentage of males with job or at work	52
6.2.	percentage of females with job or at work	10
7.	average monthly household income (Rs.)	417
8.	average monthly per capita expenditure (Rs.)	61
9.1.	percentage of indebted household	22
9.2.	average outstanding loan per indebted household (Rs.)	1594
10.	percentage of households residing in kutcha dwelling units	17
11.	percentage of households residing in dwelling units (having no room satisfying NBO's specification)	3
12.1.	percentage of households with no latrine facilities	5
12.2.	percentage of households using community latrine	93

JR. 1. household size
2. per household number of

Appendix I

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NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976-JUNE 1977

House Schedule : 16.3

Table (1) : Number of households and persons by monthly per-capita consumer expenditure class and household group

monthly per capita consumer expenditure class (Rs.)	delhi										
	household group										
	scheduled caste		scheduled tribe		neo-buddhist		others		total		
	house- holds	persons	house- holds	persons	house- holds	persons	house- holds	persons	house- holds	persons	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
15 - 18	192	1458					192	1944	384	3402	
18 - 21	192	1555	1575				96	1438	288	3013	
21 - 24	866	7483					770	8746	1636	16229	
24 - 28	770	4956					2214	19437	2984	24393	
28 - 34	3176	25462					4043	34695	7219	60157	
34 - 43	8856	62977		192	2137		9241	67057	18289	132171	
43 - 55	11648	74215	74231			96	18387	17595	117615	30131	191942
55 - 75	11937	60741		288	1166	192	1264	22904	119636	35321	182807
75 - 100	5968	23422						16269	64628	22237	88050
100 - 150	6642	17299						20216	48009	26858	65308
150 - 200	2503	3985						6450	12828	8953	16813
200 & above	385	581						5583	7775	5968	8356
all	53135	284170	480	3303	288	1360	106365	503808	160268	792641	

1. no. of sample blocks ; allocated - 132; surveyed - 131

2. no. of sample households ; allocated - 1848; surveyed - 1665

NATIONAL SAMPLE SURVEY 31ST ROUND : JUNE 1976 - JULY 1977

Household Schedule 16.3

Table (2) : Number of persons by age, sex and marital status

Delhi

age group (years)	s e x	marital status				total
		never married	married	widowed	separated and divorced	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
0 - 4	male	55932				55932
	female	48135				48135
	total	104067				104067
5 - 9	male	54007				54007
	female	44188	192			44380
	total	98195	192			98387
10 - 14	male	57279				57279
	female	50109	288			50397
	total	107388	288			107676
15 - 19	male	49290	2503	96		51889
	female	36007	11552	-	192	47751
	total	85297	14055	96	192	99640
20 - 24	male	30709	19350	96	192	50347
	female	78973	27437	96	96	35522
	total	38602	46787	192	288	85869
25 - 29	male	7412	26666	192	96	34366
	female	963	23489	577	288	25317
	total	8375	50155	769	384	59683
30 - 44	male	3005	55451	2021	481	60958
	female	192	46883	3370	288	50733
	total	3197	102334	5391	769	111691
45 - 59	male	1348	41588	3754	288	46978
	female		28784	8953	-	37737
	total	1348	70372	12707	288	84715
60 & above	male	192	15695	5294		21179
	female	192	6257	13285		19734
	total	384	21949	18579		40913
t o t a l	male	259174	161250	11453	1057	432934
	female	187679	144882	26281	864	359706
	total	446853	306133	37734	1921	792641

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household schedule 16.3

Table (3) : Number of persons aged 5 years and above by education standard

Delhi

education standard	male	female	total
(1)	(2)	(3)	(4)
1. illiterate	117351	159134	276485
2. illiterate but below primary	88494	61849	150343
3. primary	71045	44207	115252
4. middle	52754	25324	78078
5. secondary	34270	15973	50243
6. graduate & above	13089	5084	18173
7. total	377003	311571	688574

Table (4) : Number of children aged 5 - 14 years attending school, once attended but discontinued and never attended by age of child

Delhi

attending schools	age at children from 5 - 14 years										total
	5	6	7	8	9	10	11	12	13	14	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1. attending school	6738	13477	13670	21371	13285	20601	15403	17617	12996	11648	146806
2. once attended but discontinued	385	481	385	673	481	1444	1155	3850	3176	4524	16554
3. never attended	7316	5198	2503	3273	1347	3369	1540	2791	1444	2888	31669
4. not recorded						96					96
total	14439	19156	16558	25317	15113	25510	18098	24253	17616	19060	195125

* Information on education in school was not available for 5.31 p.c. of children in the age group 5 - 14 years.

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NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household Schedule 16.3

aged 5 - 14 years

Table (5) : Number of children/ not attending school by reason for non-attendance aged 5 - 14 years.

Delhi

not attending school	reason for non-attendance							not recorded	total
	cannot bear expenses	child working as helper either in household enterprise or in the service	required for domestic work	child refuses to go	mentally or physically handicapped	indifferent	others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. once attended but discontinued	2021	3080	2021	4621	1155	1636	2020	-	16554
2. never attended	7509	1732	2117	6065	2214	3176	8856	-	31669
3. not recorded	-	-	-	-	-	-	-	96	96
4. total	9530	4812	4138	10686	3369	4812	10876	96	48319

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household Schedule 16.3

Table(6) : Number of persons by current weekly activity status by age & sex

Delhi

age group (years)	current weekly activity status											
	working			either seeking or available for work			not available for work			total		
	male	female	total	male	female	total	male	female	total	male	female	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
0 - 4		-		-	-	-	55932	48135	104067	55932	48135	104067
5 - 9	770	-	770	-	-	-	53237	44380	97617	54007	44380	98387
10 - 14	6931	1452	8423	288	-	288	50060	48905	98965	57279	50397	107676
15 - 19	24741	5391	30132	1829	483	2312	25319	41877	67196	51889	47751	99640
20 - 24	41973	4139	46112	1732	866	2598	6642	30517	37159	50347	35522	85869
25 - 29	33116	3850	36966	769	288	1057	481	21179	21660	34366	25317	59683
30 - 44	59996	12322	72318	481	96	577	481	38315	38796	60953	50733	111691
45 - 59	44669	7316	51985	288	-	288	2021	30421	32442	46978	37737	84715
60 & above	14248	2791	17039	96	96	192	6835	16847	23682	21179	19734	40913
all groups	226444	37301	263745	5483	1829	7312	201008	320576	521584	432937	359706	792641

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household schedule 16.3

Table (7) : Number of persons aged 5 years^{and} above by current weekly activity status and general education

Delhi

general education	working			either seeking or available for work			not available for work			total		
	male	female	total	male	female	total	male	female	total	male	female	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. illiterate	81829	27533	109362	384	289	673	35138	131312	166450	117351	159134	276485
2. literate but below primary	33812	2466	36278	577	-	577	54105	59383	113488	88494	61849	150343
3. primary	42069	2466	44535	1925	-	1925	27051	41741	68792	71045	44207	115252
4. middle	35020	1707	34727	1347	674	2021	18387	22942	41330	52754	25324	78078
5. secondary	25222	1611	26833	673	577	1250	8375	13785	22160	34270	15973	50243
6. graduate and above	10492	1518	12010	577	289	866	2020	3277	5297	13089	5084	18173
7. total	226444	37301	263745	5483	1829	7312	145076	272441	417517	377003	311571	688574

377003

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household Schedule 16.3

Table (8) : Number of persons registered and not registered with employment exchange by current weekly activity status

Delhi			
current weekly activity status	registered	not registered	total
(1)	(2)	(3)	(4)
1. working	4621	259124	263745
2. didnot work but sought work	1347	4427	5774
3. available for work	385	1153	1538
4. total	6353	264704	271057

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household Schedule 16.3

Table (9) : Number of working persons by industry division

Delhi

industry division	working persons		
	male	female	total
(1)	(2)	(3)	(4)
1. agriculture	1444		1444
2. manufacturing	76245	10012	86257
3. electricity, gas and water	2310	-	2310
4. construction	9819	385	10204
5. wholesale and retail trade and hotel & restaurant	51793	4428	56221
6. transport, storage and communication	28207	385	28592
7. community, social and personal services	52756	22081 22091	74847
8. other industries	3870 3870		3870
9. all industries	226444	37301	263745 263945

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household Schedule 16.3

Table (10) : Number of working persons by occupation class

		Delhi		
occupation class		male	female	total
(1)		(2)	(3)	(4)
1.	professional, technical, administrative, executive and managerial workers	12418	2405	14823
2.	clerical and related workers	20120	1251	21371
3.	transport supervisors, conductors, telephone and telegraph operators	1444	192	1636
4.	sales workers	43897	4524	48421
5.	domestic servants, maids and house-keeping workers	288	4235	4523
6.	sweepers, cleaners and related workers	5872	3273	9145
7.	launderers, dhobis, washermen and pressers etc.	10782	7220	18002
8.	hair dressers, barbers and related workers	673	-	673
9.	other service workers	8952	2984	11936
10.	farmers, fishermen, hunters, loggers and related workers	1923	-	1923
11.	miners, quarrymen and related workers	-	-	-
12.	metal processors	1732	96	1828
13.	spinners, weavers and related workers	7220	1540	8760
14.	tanners, shoemakers and related workers	3562	192	3754
15.	food and beverage processors	7027	192	7219
16.	bidi makers	192	385	577
17.	tailors, dress makers and upholsterers etc.	12130	3562	15692
18.	carpenters and cabinet makers and related workers	4717	-	4717
19.	blacksmiths and related workers	6738	192	6930
20.	stone cutters, machine fitters, plumber: etc.	24067	1444	25511
21.	printers and related workers	9530	1155	10685
22.	construction workers	5583	192	5775
23.	motor vehicle operators, taxi drivers and auto-rickshaw drivers	7220	-	7220
24.	cycle rickshaw operators and other transport operators including animal driven vehicles	5487	-	5487
25.	labourers n.e.c.	5776	577	6353
26.	all other occupations	19094	1690	20784
27.	not recorded	-	-	-
28.	total	226444	37301	263745

NATIONAL SAMPLE SURVEY 51ST ROUND : JULY 1976 - JUNE 1977

Household Schedule : 16.5

Table(11) :- Number of principal earner by native place

Delhi			
native place	rural	urban	total
(1)	(2)	(3)	(4)
1. Delhi	-	108973	108973
2. same state	96	96	192
3. Gujarat	481	96	577
4. Haryana	3945	1154	5099
5. Madhya Pradesh	577	288	865
6. Punjab	2309	1251	3560
7. Rajasthan	4235	1444	5679
8. Uttar Pradesh	25126	5872	30998
9. West Bengal	96	673	769
10. others states	576	384	960
11. not recorded 1/	-	-	2313
12. sub-total (2 to 11)	37441	11358	51012 3/
13. native place not recorded 2/	-	-	283
14. total (1 + 12 + 13)	37441	120234	160268 3/

1/ migrant to the city but native place not recorded

2/ whether a native of the city or migrant to the city not recorded.

3/ total does not agree with total of rural and urban because the not recorded cases could not be classified by rural and urban.

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household Schedule 16.3

Table (12) : Number of migrant principal earners to the city by native place and reason for migration.

Delhi

native place		on work	in search of work	others & not recorded	total
(1)		(2)	(3)	(4)	(5)
same state	(rural)		96		96
same state	(urban)		96		96
Gujarat	(rural)		481		481
Gujarat	(urban)			96	96
Haryana	(rural)	865	2406	673	3945
Haryana	(urban)	192	770	192	1154
Madhya Pradesh	(rural)		577		577
Madhya Pradesh	(urban)	96	192		288
Punjab	(rural)	238	1636	385	2309
Punjab	(urban)	192	481	579	1251
Rajasthan	(rural)	192	2791	1252	4235
Rajasthan	(urban)	192	770	482	1444
Uttar Pradesh	(rural)	3369	17039	4712	25120
Uttar Pradesh	(urban)	1155	3465	1252	5872
West Bengal	(rural)		96		96
West Bengal	(urban)	96	385	192	573
other states	(rural)		430	96	526
other states	(urban)		384		384
all states	(rural)	4715	25602	7124	37441
all states	(urban)	1923	6543	2792	11258
not recorded ^{1/}		288	1732	293	2313

^{1/} migrant to the city but native place not recorded

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household Schedule 16.3

Table (13) : Number of migrant principal earners by age and by reason for migration

Delhi

age group in years	reason for migration			
	on work	in search of work	others	total
(1)	(2)	(3)	(4)	(5)
15 - 24	673	4717	770	6160
25 - 44	3850	16269	5679	25798
45 - 59	2021	10686	2599	15306
60 & above	382	2021	1062	3465
not recorded	-	184	999	283
total	6926	33077	10209	51012

jt/-

Household Schedule 16.3

Table (14) : Number of migrant principal earners and other principal earners by occupation class

occupation class	Delhi		
	migrant earner	other ^{1/} earner	total
(1)	(2)	(3)	(4)
1. professional, technical, administrative, executive and managerial workers	3657	10587	14244
2. clerical and related workers	5391	10589	15980
3. transport supervisors, conductors, telephone and telegraph operators	192	1251	1443
4. sales workers	7218	22044	29262
5. domestic servants, maids and house-keeping workers	481	1251	1732
6. sweepers, cleaners and related workers	577	4043	4620
7. laundresses, dhobis, washermen and pressers etc.	962	5102	6064
8. hair dressers, barbers and related workers	-	385	385
9. other service workers	2406	4427	6833
10. farmers, fishermen, hunters, loggers and related workers	384	865	1249
11. miners, quarrymen and related workers	-	-	-
12. metal processors	288	962	1250
13. spinners, weavers and related workers	3917	2310	6227
14. tanners, shoemakers and related workers	962	1347	2309
15. food and beverage processors	1732	2117	3849
16. bidi makers	-	96	96
17. tailors, dress makers and upholsterers etc.	2310	6353	8663
18. carpenters and cabinet makers and related workers	1540	1540	3080
19. blacksmiths and related workers	866	2599	3465
20. stone cutters, machine fitters, plumbers etc.	4939	10589	15496
21. printers and related workers	962	3080	4042
22. construction workers	1347	3369	4716
23. motor vehicle operators, taxi drivers and auto-rickshaw drivers	1829	3754	5583
24. cycle rickshaw operators and other transport operators including animal driven vehicles	481	2503	2984
25. labourers n.e.c.	2695	1732	4427
26. all other occupations	5876	6351	12227
27. not recorded	-	-	-
28. total	51012	109256	160268

1/ Including 288 earners for whom information whether a native of the city or a migrant to the city was not available

NATIONAL SAMPLE SURVEY FIRST ROUND . JUNE 1976 -- JUNE 1977

Household Schedule 16.3

Table (15) : Number of households by monthly household income group and average household income

Delhi

monthly household income group (Rs.)	number of household	average household income (in Rs. 0.00)
(1)	(2)	(3)
1. 0 - 50	866	16.16
2. 51 - 75	192	60.05
3. 76 - 100	1540	94.12
4. 101 - 125	1251	118.71
5. 126 - 150	5583	148.06
6. 151 - 200	13670	188.32
7. 201 - 250	16847	240.90
8. 251 - 300	21943	290.35
9. 301 - 400	37439	366.43
10. 401 - 500	24067	462.32
11. 501 - 700	20120	610.33
12. 701 - 1000	14633	877.38
13. 1001 & above	2117	1300.84
14. total	160268	417.27

jt/-

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977
Household Schedule 16.3

Table (16) : Number of households reporting income by different sources

Delhi

source of income	number of households	total income in Rs.(00)	average house-hold income per reporting households RS(0.00)
(1)	(2)	(3)	(4)
1. wages, salaries and pension	97611	370893	379.97
2. receipts from enterprise	77395	278083	359.30
3. income from property	5002	5586	111.678
4. others	15975	14100	88.26
5. total	160268	668662	417.21
			417.27

N.B. : Total of column (2) will not add upto item 5, column (2) as households reporting income from more than one source were shown against each source reported.

jt/-

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household Schedule : 16.3

Table (17.1) : Number of indebted households and amount of outstanding loan by source of loan

Delhi

source of loan	number of households	amount of loan (in Rs. 00)
(1)	(2)	(3)
1. land lord	480	5586
2. money lender	5485	96485
3. co-operative credit society	2982	51063
4. government	1827	40442
5. bank	1344	40750
6. provident fund & insurance	6063	126521
7. friends and relatives	16555	192786
8. total	54736	553633

Table (17.2) : Number of indebted households and amount of outstanding loan by purpose of loan

purpose of loan	number of households	amount (Rs. 00)
(1)	(2)	(3)
1. current expenses of enterprise	4040	86265
2. acquisition of fixed assets for enterprise	11538 1538	28635
3. marriage or other ceremony	11741	208665
4. household expenses	11935	152113
5. repayment of debt	288	1068
6. others	4137	61667
7. not recorded	1057	15220
8. total	54736	553633

N.B. : In table 17.1 total of column (2) will not add upto item 8, column (2) as households reporting loan from more than one source for the same purpose or for different purposes were shown against each source. Similarly in table 17.2 borrowing for different purposes by the same household was shown against each purpose and so the total of col.(2) will not add upto item 8, col. (2).

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976-JUNE 1977
Household Schedule : 16.3

Table (18) : Consumer expenditure per person per month on broad groups of items by monthly per capita consumer expenditure classes

Delhi

selected item of consumer expenditure	monthly per capita consumer expenditure classes in Rs.												total
	15-18	18-21	21-24	24-28	28-34	34-43	43-55	55-75	75-100	100-150	150-200	200 & above	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1. cereals	8.67	8.32	12.04	10.04	10.01	11.39	12.64	13.74	14.70	17.57	19.07	23.36	13.25
2. gram	0.06	0.13	0.12	0.12	0.11	0.11	0.18	0.26	0.39	0.48	0.68	0.78	0.24
3. cereals substitute	-	-	-	-	-	0.01	0.02	0.02	0.01	0.02	0.01	0.03	0.01
4. pulses	0.76	1.55	1.11	1.04	1.15	1.36	1.55	2.03	2.38	3.55	3.93	4.69	1.91
5. milk & milk products	0.23	2.33	1.14	2.82	3.05	4.29	5.70	7.62	10.28	13.47	19.05	27.90	7.15
6. edible oil	-	0.22	0.44	1.17	1.73	2.32	3.27	4.22	6.14	7.64	9.43	11.99	3.92
7. meat & fish	0.57	0.08	0.08	0.43	0.92	0.91	1.22	1.73	2.02	3.18	4.13	5.84	1.57
8. vegetables	-	0.32	0.51	1.27	1.69	2.70	3.46	4.46	6.59	9.00	12.23	16.95	4.41
9. sugar	-	-	-	0.21	0.27	0.36	0.58	0.90	1.50	2.42	4.32	8.20	0.98
10. other foods	0.08	0.74	0.96	2.25	3.35	4.59	5.80	7.61	9.83	14.85	20.88	31.72	7.36
11. total goods	10.37	13.69	16.40	19.35	22.28	28.04	34.42	42.59	53.84	72.18	93.73	131.46	40.85
12. fuel & light	-	0.48	0.73	1.74	2.47	3.10	4.09	5.21	6.85	8.93	11.61	13.68	4.85
13. cloth & bedding	0.65	-	0.62	0.85	0.98	1.01	2.26	4.11	7.51	13.66	25.22	61.33	4.91
14. foot wear	0.45	-	0.29	0.07	0.13	0.26	0.33	0.57	1.20	2.30	3.77	8.43	0.77
15. education	0.86	0.32	0.92	0.63	0.90	0.89	1.19	1.60	2.30	2.87	3.83	4.50	1.54
16. medicine	-	0.42	0.29	0.40	0.33	0.82	0.86	0.96	2.00	2.42	9.37	5.17	1.29
17. rent	-	0.38	0.24	0.20	0.46	0.39	0.45	0.94	1.16	2.22	1.84	4.23	0.83
18. taxes	-	-	-	-	-	0.01	0.03	0.02	0.27	0.12	-	-	0.05
19. other expenditures	4.39	4.06	2.63	3.04	3.25	3.66	4.50	6.48	8.39	11.09	15.22	30.29	6.11
20. total non-food	6.35	5.66	5.72	6.93	8.52	10.14	13.71	19.89	29.68	43.61	70.86	127.63	20.36
21. total food & non-food	16.72	19.35	22.12	26.28	30.80	38.18	48.13	62.48	83.52	115.79	164.59	259.09	61.21

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976-JUNE 1977

Household Schedule 16.3

Table (10) Number of households and of persons by (1) having no room within IBO specification but having room below IBO specification and (2) having at least one room within IBO specification by type of structure dwelling units

Table

type of structure	average household size	dwelling units by room type				not recorded
		having no rooms with in IBO specification but having room below specification	having at least one room within IBO specification	household	persons	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. kutcha house with mud floor	4.06	673	2406	6065	24933	
2. kutcha house with non-mud floor	4.54	96	577	4524	20409	
3. semi-pucca house with mud floor	4.25	577	2309	4524	19350	
4. semi-pucca house with non-mud floor	4.93	577	2021	21275	105608	-
5. pucca house with mud floor	5.18	286	962	1347	7509	-
6. pucca house with non-mud floor	4.99	3080	16847	15620	575215	-
7. not recorded	3.20	-	-	673	2214	949
8. all types	4.90	5291	25122	154028	755236	949

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Table (20) Number of households by latrine arrangements and by type of structure.

Bolhi

type of structure	none	latrine arrangements							recorded	total
		for community use			for exclusive use by the household					
		semi-tary	ear-vice	others	semi-tary	service	others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1. katcha house with mud floor	305	6065	288	-	-	-	-	-	-	6738
2. katcha house with non-mud floor	384	4140	-	-	-	96	-	-	-	4420
3. semi-pucca house with mud floor	288	3850	866	97	-	-	-	-	-	5101
4. semi-pucca house with non-mud floor	401	20025	769	97	192	288	-	-	-	21852
5. pucca house with mud floor	96	1546	-	193	-	-	-	-	-	1635
6. pucca house with non-mud floor	3397	97059	11358	2310	1058	1250	288	-	-	119700
7. not recorded	134	475	-	96	-	-	-	-	866	1622
8. total	7215	152941	13281	2793	1250	1634	288	866	866	160268

NATIONAL SAMPLE SURVEY 31ST ROUND : JUNE 1976 - JULY 1977

Table (21) Number of households by facilities of drinking water supply type and by latrine arrangements

drinking water supply type	none	latrine arrangements							not recorded	total
		for community use			for exclusive use by the household					
		sanitary	semi-sanitary	others	sanitary	semi-sanitary	others	others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
1. none	1443	9238	576	-	-	96	-	-	-	11353
2. for community use	3656	102911	10973	2409	288	672	288	-	-	121197
3. for exclusive use by the household	1924	20311	1732	288	962	866	-	-	-	26083
4. not recorded	192	481	-	96	-	-	-	-	866	1635
5. total	7215	132941	13281	2793	1250	1634	288	866	-	160268

NATIONAL SAMPLE SURVEY 31ST ROUND : JUNE 1976 + JULY 1977

Household Schedule 16.3

Table (22) : Number of households by rented and not rented accommodation and average amount of monthly rent per household by structure of dwelling units

Delhi

type of structure	number of household dwelling		average rent in Rs. 0.00 per month per rented household
	rented	not rented	
(1)	(2)	(3)	(4)
1. katcha house with mud floor	1925	4813	9.38
2. katcha house with non-mud floor	2599	2021	11.04
3. semi-pacca house with mud floor	1829	3272	12.01
4. semi-pacca house with non-mud floor	12900	8952	9.36
5. pucca house with mud floor	1059	576	10.95
6. pucca house with non-mud floor	71721	46979	17.54
7. not recorded	288	1354	23.64
8. all types	92321	67947	15.88

jt/-

NATIONAL SAMPLE SURVEY 31ST ROUND : JULY 1976 - JUNE 1977

Household schedule 16.3

Table (23) : Number of currently married women by age group and family planning method.

Delhi

age of wife (in years)	type of family planning method								no of currently married wives
	none	vasectomy	tubectomy	condom	oralpill	IUCD or diaphragm	foam tablet Jelly cream	continued abstinence	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
15 - 19	10299	-	-	-	-	192	-	-	10491
20 - 24	23102	577	480	1635	96	-	96	-	25986
25 - 29	15303	865	1154	5100	192	96	-	768	23478
30 - 34	9231	2981	1923	2211	-	480	-	577	17410
35 - 39	8082	3173	2019	1924	-	192	-	672	16062
40 - 44	8083	1249	1345	960	-	96	-	1249	12932
all	74107	8845	6921	11830	288	1056	96	3266	106409

N.B. : According to Instruction for this survey, information on family planning was required to be collected from the husband of currently married wife. As some of the husbands could not be contacted at the time of the survey, this part of information was not available for 2.69 per cent of currently married women in the age group 15-44 years.

Appendix II

Concepts and Definitions

1. Some of the important concepts and definitions adopted in the survey are given below :
2. Household : A group of persons normally living together and taking food from a common kitchen constituted household.
3. Industry and occupation : The sector of economic activity in which a person worked was the industry of the persons. The nature or type of work performed by the person was termed as the occupation of the person. For industry and occupation of an individual the National Industrial Classification (NIC - 1970) and National Classification of Occupation (NCO - 1968) respectively were used.
4. Literate : A person was treated as literate if he/she could both read and write a simple message in at least one language.
5. Current activity status : Current activity status for an individual was determined considering the activities pursued by the individual during the reference week ending on the day preceding the date of survey. If an individual was working on any single day and during the rest of the days of the week he was either seeking or available for work or attended educational institutions he was to be treated as 'working'. Thus priority was given to 'working' category over non-working category. Similarly, if an individual was either seeking work or available for work on any single day and during the rest of days of the week he was not available for work, he was treated as seeking or available for work. Thus, priority was given to seeking or available for work over not available for work.
6. Household principal earner : In a household the member whose income from gainful occupation during the last one year was highest was treated as the principal household earner. If the earnings of two or more members were equal the seniormost person among them was taken as the principal earner.
7. Migrant principal household earner : The principal household earner was treated as a migrant to the city when native place of the principal earner was not the city of enumeration. The native place was defined as a place where the parents or fore-fathers of the earner resided more or less permanently and with which the principal earner had at least some occasional connection.

8. Income/receipts from enterprises : Income from self-employment by the members of the household from all enterprises like transport, trade, manufacture and profession and services were covered. Income from manufacture comprised amount received and receivable from sale of product during the reference period less expenses incurred for producing the product. Income from trade comprised amount received and receivable from sale of goods during the reference period less purchase value of the goods sold, and other expenses. Similarly income from other enterprises like transport, profession or other services comprised amount received and receivable from services rendered during the reference period less expenses incurred for rendering the services.

9. Dwelling Unit : For purposes of this survey 'dwelling unit' meant the prevailing housing accommodation available to the household.

10. Type of structure : The dwelling units were classified into three categories, namely, pucca, semi-pucca and katcha on the basis of the materials used for construction. A pucca structure was one whose both walls and roof were made of pucca materials. A semi-pucca structure was one whose either the walls or the roof, but not both, were made of pucca materials. A katcha structure was one whose both walls and roof were made of non-pucca materials. Materials, such as over burnt bricks, stone blocks, cement, concrete, jackboard (cement plastered read), tiles and timbers were treated as pucca materials. Corrugated iron or asbestos sheets used in the construction of roof were also treated as pucca materials.

11. Room : Rooms were divided into two types as 'rooms within NBO's specification' and 'rooms below NBO's specification'. As per specification of the National Building Organisation (NBO) a room should have a minimum floor area of four square metres enclosed by walls from floor to ceiling with a door and roof above with minimum height from floor to ceiling at least 2 metres. Rooms satisfying this specification were termed as 'room within NBO's specification'. Rooms which did not satisfy the specifications were termed as 'rooms below NBO's specification'.

Appendix III

Estimation Procedure

A.1 The list of the declared slums in each million-plus city constituted the frame of first stage units. In a city from the list of slums sample slums for the survey were selected circular systematically with probability proportional to size where size was a measure of slum population. Sample slums having large population were divided into two or more sub-divisions having nearly equal population content and one of the sub-divisions was selected at random and the survey was confined to the selected sub-division only. All the households in the sample slum/sub-division were listed in the listing schedule. From this list generally a sample of 14 households was selected circular systematically in each sample slum/sub-division for household enquiry.

A.2 Denoting by

- i : subscript of i -th surveyed slum/sub-division
- j : subscript of j -th sample household
- z : slum size (used for selection)
- m : number of surveyed slums
- h' : total number of households listed in the sample slum/sub-division
- h : number of sample households surveyed for schedule 16.3
- Z : total size of urban slums
- D : number of sub-divisions actually formed
- y : value of characteristic of a sample household
- Y : estimate of y for the city

estimated value of a character y , denoted by \bar{y} , for a sub-class of households

or for all households from the detailed schedules are estimated as

$$Y = M \sum_i \sum_j y_{ij}$$

where the summation extended over all sample households belonging to the sub-classes and l was the multiplier or raising factor. The multiplier M was estimated as

$$M = N / \sum_i h_i$$

where N was the estimated number of households based on the listing schedule, estimated as

$$N = \frac{Z}{n} \sum \frac{D \cdot h_i}{Z_i}$$

A.3 Denoting by Y and X the estimates of the aggregates at the city level of the two characteristics y and x respectively, the ratio of two characteristics y by x , was estimated by the ratio of the estimates Y and X as Y/X .

Comparison with urban households

In the table below a few select socio-economic characteristics relating to urban households of (a) Delhi U.T. and (b) slum households of Delhi M.C. are presented. The data for the urban households as given in the table are based on data collected in schedule 10/schedule 1.0 of NSS 32nd round (July 1977 - June 1978).

Table A.4 : Comparison with urban households of Delhi U.T.

characteristics	slum house holds of Delhi M.C.	urban house- holds of Delhi U.T.
1.1. percentage of scheduled caste and scheduled tribe households	33	17
2. household size	4.95	4.59
3. per household number of children 0-14 years	1.94	1.61
females 15 years & over	1.35	1.33
males 15 years & over	1.66	1.65
4. females per 100 persons	45	45
5. percentage of children 5-14 years not attending school	25	14
6.1. percentage of literate males	60	86
6.2. percentage of literate females	42	75
7.1. percentage of males with job or at work	52	52
7.2. percentage of females with job or at work	10	9
8. average monthly per capita expenditure (Rs.)	61	130
9. incidence of unemployment ^{b/}	3	11
10. percentage of working persons by industry division		
10.0. agriculture	1	1
10.1. manufacturing	33	29
10.2. electricity, gas and water	1	1
10.3. construction	4	3 ^{a/}
10.4. wholesale & retail trade and hotels/restaurants	21	22
10.5. transport, storage and communication	11	10
10.6. community, social and personal services	28	30
10.7. other industries	1	4
10.8. total non-agriculture	99	99
10.9. all industries	100	100

^{a/} Persons working as casual labour in public sector shown under construction. and

Persons working as casual labour in other types of non-agricultural work distributed over the non-agriculture sector pro-rata basis.

^{b/} Persons seeking or available for work ~~as per cent of total labour force.~~ as per cent of total labour force.

Errata to NSS Report No. 302/4 : Socio-economic condition of households in slums in Delhi M.C., NSS-31st round.

1. To read 'Delhi M.C.' for 'Delhi' wherever 'Delhi' appears at pages 1-3.
2. To read 'Delhi M.C.' for 'Delhi' on the top right hand corners of table nos. 1-23 at pages 6-27.
3. The undernoted corrections to be incorporated.

sl. no.	page no.	table no.	column no.	item/line no.	read	for
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	6	1	3	2	1575	1555
2.			3	7	74231	74215
3.			9	7	117615	117595
4.			11	7	191942	191943
5.	18	14	foot note		283	288
6.	19	15	3	14	417.17	417.27
7.			2	1	866 a/	866
8.	To add below T15		N.B.: a/ including 481 households not reporting income			
9.	20	16	4	5	417.17	417.27
10.		1	2	4	15494	15975
11.			4	4	90.97	88.26
12.	21	17.2	2	2	1538	11538
13.	22	18	14	1	13.30	13.25
14.	23	19	The existing table to be replaced by the table annexed.			
15.	24	20	-do-			
16.	25	21	-do-			

