

# THE NATIONAL SAMPLE SURVEY

TWENTYSECOND ROUND : JULY 1967-JUNE 1968

NUMBER 204

VITAL RATES BY PER CAPITA MONTHLY  
HOUSEHOLD EXPENDITURE



**ISSUED BY**

NATIONAL SAMPLE SURVEY ORGANISATION  
DEPARTMENT OF STATISTICS : MINISTRY OF PLANNING  
GOVERNMENT OF INDIA

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### SYNOPSIS

NSS Report No. 204 : Vital rates by per capita monthly Household Expenditure, 22nd round, July 1967—June 1968.

This report presents estimates of annual vital rates obtained from the Data collected during the 22nd Round. Data in this report has been presented by monthly household expenditure classes separately for the rural and urban sector,

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**VITAL RATES BY PER CAPITA MONTHLY HOUSEHOLD EXPENDITURE**

*The report entitled "Vital Rates by Per Capita Monthly Household Expenditure, Twentysecond Round July 1967—June 1968 was prepared by the NSS Organisation on the basis of the sampling design and tabulation programme approved by the NSS Programme Advisory Committee which was responsible for formulating the NSS programmes prior to the setting up of the Governing Council for NSSO and the views contained in the report are not necessarily those of the Government of India.*

CHAPTER ONE

GENERAL

1.1 *Introduction.*—The integrated household enquiry was introduced in the nineteenth round of NSS with the aim to get an integrated picture of the household economy. The Asian Regional Conference on National Income and Wealth in its first Conference in 1960 emphasised the importance of elaborate information on the household sector with its production, consumption and investment accounts. The NSS integrated household schedule was an attempt in this direction.

1.2 In this report, estimates of annual vital rates obtained from the data of central sample of the twenty second round enquiry (July 1967—June 1968) of NSS have been presented by *per capita* monthly household expenditure for two half-samples combined at the all-India level.

1.3 *Organisation.*—The Directorate of the National Sample Survey of the Government of India collected the information except for West Bengal and Bombay city which were directly covered by the staff of the Indian Statistical Institute, while the Institute was responsible for the sample design, the schedules of investigation and instructions to field staff.

1.4 *Participation of states.*—All states excepting West Bengal participated with (Central) National Sample Survey, taking an independent sample, but following the same sample design, concepts and definitions as those of the Central sample.

1.5 *Sample design.*—The sample design was stratified with two-stage selection within each stratum in both rural and urban sector. The village and block were the first stage unit in rural and urban sectors respectively. The households were the second stage unit in both the sectors. The sample villages and blocks were selected in the form of four interpenetrating sub-samples. The sub-samples 1 and 3 were surveyed by one party of investigators and sub-samples 2 and 4 by another party of investigators. The sample design was self-weighting at the state level. A note on sample design is given in Appendix I.

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\*The draft report (No. D236) was prepared in May 1973.

## CHAPTER TWO

### CONCEPTS AND DEFINITIONS

2.1 *Definition of a household.*—A household was considered to consist of its normal resident members only. Persons normally living together and taking food from the same kitchen, irrespective of immediate length of stay in the household, were considered as normally resident members in the household. The actual composition of the household was decided by the head of the household. The inmates (including Staff) of a mess, hostel, boarding and lodging house, hotel, orphanage, vagrant house etc. were treated as single member households. If however there was a group of such persons who normally pool their income and spend from this common pool, such a group was treated as a separate household.

2.2 *Birth and death rates.*—The number of births and deaths that occurred to the members of the household during two years preceding the date of enquiry were recorded with the date of occurrence of the event. The events that occurred during last 365 days preceding the date of survey were taken into account in calculating annual vital rates. The survey period was July 1967—June 1968. The reference period (or recall period) 365 days preceding the date of survey was thus a moving one and covered the period July 1966—June 1968. The results presented do not refer to a fixed time period but refer to the overlapping time period spread over the survey period. This method is aimed at minimising omissions in reporting arising from recall lapse. The current population (*i.e.* estimated population on the date of survey) was taken as the base in calculating birth and death rates.

2.3 *Infant mortality rates.*—This relates to the number of children dying before attaining one year of life during last year (365 days preceding the date of survey) to total number of children born alive last year.



## CHAPTER THREE

### RESULTS

3.1 The data on birth and deaths were collected in schedule on Integrated Household survey as also in schedule on Population Births and Deaths. The number of sample households in each sample village, block on the average was twenty two for schedule on Population, Births and Deaths and two for schedule on Integrated Household survey. The data on births and deaths in schedule on Population, Births and Deaths were collected with a view to estimating annual vital rates for the country as a whole and at the state level. The same in schedule on Integrated Household survey (with 2 households on the average in a village/block) were collected with the objective of examining the relative level of vital rates in households having different per capita monthly expenditure.

3.2 Table (1) presents the distribution of sample households by per capita monthly expenditure for rural and urban sectors.

TABLE (1) : DISTRIBUTION OF SAMPLE HOUSEHOLDS BY PER CAPITA MONTHLY HOUSEHOLD EXPENDITURE GROUPS : ALL-INDIA HOUSEHOLDS, NSS 22ND ROUND.

sector	per capita monthly household expenditure (Rs.)							all groups
	1—11	11—15	15—21	21—24	24—34	34—55	55 above	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
rural	473	858	2286	1453	4450	4697	2176	16293
urban	52	201	667	539	1848	2390	2927	8624

NOTE.—As the distribution of sample households by per capita monthly household expenditure groups used for birth and death rates and infant mortality rate was not tabulated by oversight, the distribution for a slightly different classification of the same households which was available from the tabulation of consumer expenditure has been presented above to give a dimensional idea of the distribution.

3.3 Table (2) gives the birth and death rates and infant mortality rate in rural households by per capita monthly expenditure groups. The birth rate falls progressively over the households with increasing per capita monthly expenditure. The infant mortality rises progressively over households with increasing per capita monthly expenditure. The lowest death rate was reported from households having per capita monthly expenditure below Rs. 11 and the highest death rate from households having per capita monthly expenditure of Rs. 31 and above. The table also shows that death rate was at the same level over households having per capita monthly expenditure of Rs. 11—16, Rs. 21—26 and Rs. 26—31. Taking into account variability of the estimate, infant mortality rate is observed to be at the same level in the households having per capita monthly expenditure of Rs. 16—21, Rs. 21—26 and Rs. 26—31. The low death rate and the low infant mortality rate reported from households in the lowest per capita expenditure group may be ascribed to under reporting of deaths from those households.

TABLE (2) : BIRTH RATE (PER 1000 POPULATION), DEATH RATE (PER 1000 POPULATION) AND INFANT MORTALITY RATE (PER 1000 LIVE BIRTHS) BY PER CAPITA MONTHLY HOUSEHOLD EXPENDITURE GROUPS : ALL-INDIA RURAL HOUSEHOLDS, NSS 22ND ROUND.

rate	per capita monthly household expenditure (Rs.)							all groups
	1—11	11—16	16—21	21—26	26—31	31—51	51 above	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
birth	40.21	38.21	36.19	34.08	36.03	33.30	29.68	34.44
death	6.61	9.01	10.47	8.91	9.30	11.56	12.32	10.38
infant mortality	10.40	44.68	56.17	65.11	60.98	114.53	149.22	83.57



3.4 Table (3) presents birth, death rates and infant mortality rate in urban households by *per capita* expenditure groups. The number of sample households in *per capita* monthly expenditure group below Rs. 11 being very small, estimate of vital rates reported from those households will be subject to very high variability. Taking into consideration variability of the estimate associated with small sample size for the households in the lowest *per capita* monthly expenditure it is observed that birth rate falls steadily over households having *per capita* monthly expenditure of Rs. 1—11, Rs. 11—21, Rs. 21—51 and Rs. 51 and above. It is also observed that death rate was of the same order of magnitude over households having *per capita* monthly expenditure of Rs. 16 and above. The infant mortality rate is observed to be rising progressively with increasing *per capita* monthly expenditure over households having *per capita* monthly expenditure of Rs. 11 and above. The low death rate and the low infant mortality rate reported from households in *per capita* expenditure groups of Rs. 1—11 and Rs. 11—16 may be ascribed to under reporting of deaths from those households.

TABLE (3) : BIRTH RATE (PER 1000 POPULATION), DEATH RATE (PER 1000 POPULATION AND INFANT MORTALITY RATE (PER 1000 LIVEBIRTHS) : BY PER CAPITA MONTHLY HOUSEHOLD EXPENDITURE GROUPS ALL-INDIA URBAN HOUSEHOLDS, NSS 22ND ROUND.

rate	per capita monthly household expenditure (Rs.)							all groups
	1—11	11—16	16—21	21—26	26—31	31—51	51— above	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
birth	45.60	37.25	37.83	29.81	29.82	29.35	22.07	28.89
death	4.37	4.05	8.12	7.30	7.33	7.86	7.34	7.37
infant mortality	52.18	31.94	48.73	53.84	102.02	91.62	102.86	80.43

3.5 Broadly, birth rate is observed to be associated negatively and infant mortality rate positively with *per capita* expenditure groups in both rural and urban sectors. The crude death rate was more or less at a steady level over different *per capita* expenditure groups except *per capita* expenditure groups of Rs. 1—11 in rural households and Rs. 1—11 and Rs. 11—16 in urban households.

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**APPENDIX I SAMPLE DESIGN AND ESTIMATION PROCEDURE**

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## SAMPLE DESIGN AND ESTIMATION PROCEDURE

### *Sample Design (Rural)*

1. *Sampling frame.*—The frame used for selection was the list of villages as per 1961 Population census. Though the unit of selection was the census village, the unit of survey was the revenue village(s) corresponding to the sample census village.

2. *Stratification.*—The country had been divided into 64 regions by grouping, within each state or Union Territory districts having similar population density and crop pattern. Strata were formed within each region by grouping contiguous tehsils having similar population densities and altitudes and having good transport and communication facilities amongst them, as far as possible, such that the sum of the size measures of the villages for each stratum within a state/Union Territory was the same. The size of a village was the ratio of its population to the average population of a village in the population class 0—499 of that state, rounded off to a suitable integer. The number of strata to be formed in a state was given by the ratio of its allocation to 24 and the total size measure of a stratum by the ratio of the total size for the state to the number of strata. For equalising the stratum sizes and making them multiples of 12, the sizes of some villages have been suitably increased or decreased without however deviating much from their original sizes.

3. *Selection of villages.*—The tehsils within each stratum were arranged in a serpentine order by considering geographical contiguity. The villages in each tehsil were further arranged by two classes : (i) reporting at least one household manufacturing enterprise and (ii) others. Then 4 independent sub-samples of 12 villages each were selected circular systematically with probability proportional to size, size being related to population as mentioned earlier. In each sub-sample the villages with odd orders of selection formed the central sample and those with even orders of selection formed the state sample. For either state or Central sample, the interval for selection was  $I = Z/6$  where Z was the total size of the stratum. Clearly I was same for all the strata within a state or Union Territory.

4. *Hamlet-group selection.*—In large villages where listing of households would be time consuming the investigator formed a specified number of hamlet groups of approximately equal population content and confined the survey to one of them selected with equal probability. The number of hamlet groups to be formed in a village was specified in the sample list.

5. *Selection of household.*—The households in a sample village/hamlet group were arranged in the following 6 classes on the basis of household size and means of livelihood class and then a linear systematic sample of households (22 on the average) was drawn to form the combined sample :

household class	11	21	22	12	13	23
household size	1—4	≥ 5	≥ 5	1—4	1—4	≥ 5
means of livelihood class code	1	1	2	2	3	3

means of livelihood class code : self-employed in agriculture-1, self-employed in non-agriculture-2, others-3.

From this combined sample, a sub-sample of 2 households on the average was selected linear systematically with interval 11. The interval and random start had been so specified as to make design self-weighting at the state level.

### *Sample Design (Urban)*

6. *Sampling frame.*—The sample design was stratified two-stage with urban blocks at the first-stage units and households at the second-stage units. The urban frame survey (UFS) frame and the list of 1961 census blocks had been used as the sampling frame.

7. *Stratification.*—In each state/Union Territory, towns with population less than 50,000 formed stratum 1 and the remaining towns and cities formed stratum 2, except 4 big cities, Madras, Calcutta, Bombay and Delhi. Each one of these big cities formed a stratum 3 of the respective states. The total number of strata was 44.

8. *Selection of blocks.*—The blocks within each stratum had been selected circular systematically with probability proportional to size (pps), the size of each block being taken as its estimated population (as supplied in the UFS frame) rounded off to the next multiple of 1000. Changes in the sizes of some blocks had been made so as to make the interval for selection of blocks an integer. The blocks were selected in the form of 4 independent interpenetration sub-samples.

9. *Sub-block selection.*—In case of very large blocks, a specified number of sub-blocks was formed in them. The number of sub-blocks was fixed so as to be a sub-multiple of the size. In a block where sub-division had been specified in the sample list, the investigator formed the required number of sub-blocks of about equal population content and select one of them with equal probability for survey.

10. *Selection of household.*—From each sample block/sub-block, a combined sample of 22 households on the average was selected linear systematically after arranging all the households in it in the following 6 classes based on number of unemployed, household size and number of self-employed.

household class	1	2	3	4	5	6
number of unemployed . . . . .	$\geq 1$	$\geq 1$	0	0	0	0
household size . . . . .	1-3	$\geq 4$	$\geq 4$	$\geq 4$	1-3	1-3
number of self-employed . . . . .	—	—	0	$\geq 1$	$\geq 1$	0

From the combined sample, a sub-sample of 2 households on the average was selected linear systematically with interval 11. The interval and random start had been so specified that the sample design was self-weighting at the state level.

#### Estimation of total aggregates

S= subscript for sth stratum village/block

i= subscript for ith sample selected part of village/block

j= subscript for jth sample household

k= number of strata in the state

n= number of sample blocks selected in a stratum and in a half sample for the whole round

h= number of households selected for the enquiry

Y= value of the characteristic

$\hat{y}$  = Stands for the estimate of the state total for the characteristic from a half-sample

Rural sector  $\hat{Y} = M \sum_{s=1}^k \sum_{i=1}^{12} \sum_{j=1}^{hs_i} Y_{sij}$  M being a constant multiplier

Urban sector  $\hat{Y} = M \sum_{s=1}^k \sum_{i=1}^{ns} \sum_{j=1}^{hs_i} Y_{sij}$  M being a constant multiplier

Combined estimators

If  $\hat{Y}_i$  ( $i=1,2$ ) be the ith half-sample estimate of the total of a characteristic, the combined estimate is given by

$$\hat{Y} = \frac{1}{2}(Y_1 + Y_2)$$

The ratio  $R = \frac{\hat{Y}}{\bar{X}}$  can be estimated by

$$K = \frac{\hat{Y}}{\hat{X}} \quad R = \frac{\hat{Y}}{\hat{X}}$$



[1] identification of sample household			[2] household characteristics		
1. serial number		11. village.....	1. household size I (membership type codes 1 & 2)		
2. zone-state-region		12. hamlet(s).....	2. household size II; membership type codes 1 & 3)		
3. stratum		13. ward-IV, unit-block/charge circle-block*	3. household land owned (0-00 acres)		
4. sub-sample		14. house number.....	4. household land possessed (00.0 acres)		
5. sample village/block*		15. name of head.....	5. household class no.		
6. sub-round		16. name of informant.....	6. incidence code		
7. sample household		17. informant's relation to head.	7. household industry-occupation code		
8. state			8. household self-employed or not (yes-1, no. 2)		
9. district			9. household monthly per capita expenditure (Ks. 0.00)		
10. tehsil/taluk/thana/town			10. household group code		
			11. household religion code		
			12. number of ceremonies performed		
			13. number of guests entertained		

[3] particulars of field work							
officer	name	roll no.	date(s)			signature	number of scrutiny sheets attached
			operation	receipt	despatch		
1. investigator							
2. inspector							
3. scrutiniser							

[4] household members and their activity and demographic particulars																				
serial number	relation to head	sex : (male-1, female-2)	number of days stay (last month)	membership type	age last birthday	marital status	educational standard	general	additional diploma or certificate	whether worked on at least one day during last 7 days for pay, profit or family gain (yes-1, no-2)	if no. for col. (10) whether had job or enterprise from which temporarily absent (yes-1, no-2)	during the week ended on.....								
												employment status (1)	industry	occupation	number of days worked	number of hours worked	number of days worked in all occupations	number of hours worked in all occupations	no. of hours available for extra work	if no. for col. (10) and (11) whether looked for or available for fulltime work (yes-1, no-2)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)

[10] birth during the last two years ended on.....											[11] deaths during the last two years ended on.....										
serial number	serial number of mother as in col. (1), block (#)	sex (male-1, female-2)	time of birth			born alive		recall period	average monthly per capita household expenditure	informant	serial number	relation to head	sex (male-1, female-2)	age at death (years.)	time of death			recall period	average monthly per capita household expenditure	informant	
			calendar month	calendar year	how determine	also alive now	since dead								calendar month	calendar year	how determined				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

1. employment status code RURAL : owner operator hiring labour-1, owner operator not hiring labour-2, working partner hiring labour-3, working partner not hiring labour-4, unpaid labour-5, wage and salary earner-6.  
URBAN : employee-1, employer-2, own account worker-3, unpaid helper-4.  
\*delete whichever is inapplicable





PUBLISHED NATIONAL SAMPLE SURVEY REPORTS

1. General Report No. 1 on the First Round (October 1950-March 1951)
2. Tables with Notes on the Second Round (April-June 1951)
3. Tables with Notes on the Third Round (August-November 1951)
4. Special Report on the Survey of Persons in the "Live-Register" of Delhi Employment Exchange (August-September 1951)
5. Technical Paper on Some Aspects of the Development of the Sample Design
6. Survey of Faridabad Township (March-April 1954)
7. Couple Fertility (Second Round : April-June, 1951 and Fourth Round : April-September 1952)
8. Report on Preliminary Survey of Urban Unemployment (September 1953)
9. Report on the Sample Survey of Displaced Persons in the Urban Areas of the Bombay State (July-September 1953)
10. First Report on Land Holdings, Rural Sector (Eighth Round : July 1954-March 1955)
11. Report on Sample Survey of Manufacturing Industries, (1949-1956)
12. A Technical Note on Age Grouping, October 1958
13. Report on Household Transport Operations (Seventh Round : October 1953-March 1954)
14. Report on Some Characteristics of the Economically Active Population (Fourth to Seventh Rounds : April 1952-March 1954)
15. Report on Sample Survey of Manufacturing Industries; 1951
16. Preliminary Report on Employment and Unemployment (Ninth Round : May-November 1955)
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18. Tables with Notes on Consumer Expenditure (Fourth Round : April-September 1952)
19. Report on Small Scale Manufacture : Household Enterprises smaller than Registered Factories (Seventh Round : October 1953-March 1954)
20. Report on Pattern of Consumer Expenditure (Second to Seventh Rounds : April 1951-March 1954)
21. Household Small Scale Manufacturing Establishments smaller than those covered by Industries (Development and Regulations), Act, 1951 (Ninth Round : May-November 1955)
22. Report on Sample Survey of Manufacturing Industries, 1952 ( )
23. Report on Sample Survey of Manufacturing Industries, 1953 ( )
24. Report on Household Retail Trade (Seventh to Ninth Rounds : October 1953-November 1955)
25. Sample Verification of Livestock Census : 1956
26. A Preliminary Report on Housing Condition (Seventh Round : October 1953-March 1954)
27. Technical Records of Sample Design, Instructions to Field Workers and List of Sample Villages and Urban Blocks (Ninth Round : May-November 1955)
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29. Notes on Some Results of the Land Utilisation Survey (Tenth Round : December 1955-May 1956)
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31. Tables with Notes on Household Transport Operation (Eighth to Tenth Rounds : July 1954-May 1956)
32. (I) Some Aspects of Costs of Cultivation of Paddy, Wheat, Jowar and Bajra (Fifth to Seventh Rounds : 1951-1952 and 1952-1953)
32. (II) Some Aspects of Costs of Cultivation of Barley, Maize, Ragi, Gram, Small Millets, Groundnut, Cotton and Jute (Fifth to Seventh Rounds : 1951-52 and 1952-53)
32. (III) Some Aspects of Costs of Cultivation of Minor Cereals, Pulses, Sugarcane, Oil Seeds, Potato, Spices and Tobacco (Fifth to Seventh Rounds : 1951-52 and 1952-53)
33. Tables with Notes on Wages, Employment, Income and Indebtedness of Agricultural Labour Households in Rural Areas (Eleventh and Twelfth Rounds: August 1956-August 1957)
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35. Tables with Notes on Livestock Products (Fifth to Seventh Rounds : April 1952-March 1954)
36. Report on Land Holdings (3) : Some Aspects of Ownership Holdings (Eighth Round : July 1954-April 1955)
37. Survey of Book Readers' Preference in India (Thirteenth Round : September 1957-May 1958)
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51. Tables with Notes on Housing Condition (Eleventh Round : August 1956-January 1957)
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55. Report on Sample Survey of Manufacturing Industries, 1954(2) : Exploratory Survey of Scheduled Industries
56. Report on Sample Survey of Manufacturing Industries, 1955 (1) : Survey of Scheduled Industries
57. Report on Sample Survey of Manufacturing Industries, 1955(2)
58. Report on Sample Survey of Manufacturing Industries, 1956 (1) : Survey of Scheduled Industries
59. Tables with Notes on Pattern of Household Ownership and Possession of Land in Rural Areas, 1950-51 to 1953-54 (Eighth Round : July 1954-April 1955)
60. Tables with Notes on Farming Condition and Practices in Rural Areas 1953-54 (Eighth Round : July 1954-April 1955)
61. Notes on the Results of the Land Utilisation Survey and Crop-cutting Experiments (Eleventh Round : August 1956-February 1957)
62. Supplementary Report on Employment and Unemployment (Ninth Round : May-November 1955)
63. Tables with Notes on Employment and Unemployment in Urban Areas (Thirteenth Round : September 1957-May 1958)
64. Indian Villages : A Study of Some Social and Economic Aspects (Thirteenth Round : September 1957-May 1958)
65. Tables with Notes on Animal Husbandry (Eleventh Round : August 1956-January 1957)
66. Report on Land Holdings (4) : Rural Sector, States (Eighth Round : July 1954-April 1955)
67. Tables with Notes on Housing Condition (Twelfth Round : March-August 1957)
68. Tables with Notes on Rural Indebtedness (Eighth Round : July 1954-April 1955)
69. Notes on the Results of the Land Utilisation Survey and Crop-cutting Experiments (Twelfth Round : March-August 1957)
70. Technical Paper on Sample Design (Fourteenth Round : July 1958-June 1959)
71. Consumer Expenditure by Levels of Household Expenditure (Thirteenth Round : September 1957-May 1958)
72. Tables with Notes on Milk Production (Twelfth Round : March-August 1957)
73. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (Fourteenth Round : July 1958-June 1959)
74. Report on Land Holdings (5), Rural Sector (Some Aspects of Operational Holdings—Population Zones and All India) (Eighth Round : July 1954-April 1955)
75. Report on Sample Survey of Manufacturing Industries 1956 (2)
76. Fertility and Mortality Rates in Rural India (Fourteenth Round : July 1958-June 1959)
77. Tables with Notes on Consumer Expenditure (Eleventh Round : August 1956-February 1957)
78. Tables with Notes on Consumer Expenditure (Twelfth Round : March-August 1957)
79. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (Fifteenth Round : July 1959-June 1960)
80. Tables with Notes on Consumer Expenditure (Thirteenth Round : September 1957-May 1958)
81. Report on Land Holdings : Urban Sector (Eighth Round : July 1954-April 1955)
82. Tables with Notes on Some Aspects of Cost of Cultivation of Paddy, Wheat, Barley, Maize, Millets, Pulses, Oil Seeds and Vegetables, Urban India (Fifth to Seventh Rounds : 1951-1953)
83. Report on Sample Survey of Manufacturing Industries, 1957(1)
84. Tables with Notes on Sample Survey of Manufacturing Industries : Survey of Scheduled Industries 1957(3)
85. Tables with Notes on Employment and Unemployment in Urban Areas (Fourteenth Round : July 1958-June 1959)
86. Tables with Notes on Sample Survey of Manufacturing Industries, 1957(2)
87. Tables with Notes on Average Budget of Agricultural Labour Households in Rural Areas (Eleventh and Twelfth Rounds : August 1956-August 1957)
88. Tables with Notes on Household Receipts and Disbursements in Rural and Urban Areas (Fourteenth Round : July 1958-June 1959)
89. Tables with Notes on Dwelling Habits of Occupants of the Two-room Government Residences in New Delhi, July 1960
90. Tables with Notes on the Survey of Scheduled Industries, 1958 : Sample Survey of Manufacturing Industries
91. Tables with Notes on the Annual Survey of Industries, 1959 : Sample Sector, Summary Results
92. Some Results of Land Utilisation Survey and Crop-cutting Experiments (Sixteenth Round : July 1960-June 1961)
93. Tables with Notes on Sample Survey of Manufacturing Industries 1958, Factory Establishments : Summary Results
94. Tables with Notes on Small Scale Manufacture : Rural and Urban (Household Enterprises smaller than the Registered factories) (Fourteenth Round : July 1958-June 1959)
95. Tables with Notes on Household Indebtedness (Sixteenth Round : July 1960-June 1961)
96. Tables with Notes on the Annual Survey of Industries, 1960 : Sample Sector, Summary Results
97. Tables with Notes on Capital Formation (Fifteenth Round—Rural : July 1959-June 1960)
98. Tables with Notes on Consumer Expenditure (Preliminary) (Fifteenth Round : July 1959-June 1960)
99. Tables with Notes on Household Non-Registered Trade (Fifteenth Round : July 1959-June 1960)
100. Tables with Notes on Rural Employment and Unemployment (Fourteenth Round : July 1958-June 1959)



101. Tables with Notes on Consumer Expenditure (Preliminary) (Sixteenth Round : July 1960-June 1961)
102. Tables with Notes on Consumer Expenditure (Fourteenth Round : July 1958-June 1959)
103. Tables with Notes on Urban Labour Force (Sixteenth Round : July 1960-June 1961)
104. Tables with Notes on Consumer Expenditure (Fifteenth Round : July 1959-June 1960)
105. Tables with Notes on Household Non-Mechanised Transport and Utilisation of Working Animals (Fifteenth Round : July 1959-June 1960)
106. Tables with Notes on Land Utilisation Survey and Crop-cutting Experiments (Seventeenth Round : July 1961-June 1962)
107. Tables with Notes on Consumer Expenditure (Eleventh and Twelfth Rounds : August 1956-August 1957)
108. Report on the Type Study on Consumption and Disposal of Cereals and Capital Formation by Households : 1959-60
109. Tables with Notes on Indian Villages (Fourteenth Round : July 1958-June 1959)
110. Tables with Notes on Rates of Birth, Death and Growth of Rural Population (Fifteenth Round : July 1959-June 1960)
111. Tables with Notes on Sample Survey of Manufacturing Industries : 1958 : Factory Establishments : Detailed Results
112. Tables with Notes on Land Utilisation Survey and Crop-Cutting Experiments (Eighteenth Round : July 1962-June 1963)
113. Tables with Notes on Agricultural Holdings in Rural India (Sixteenth Round : July 1960-June 1961)
114. Tables with Notes on Employment and Unemployment in Rural Areas (Sixteenth Round : July 1960-June 1961)
115. Tables with Notes on disposal of cereals by producer households in rural areas (Fifteenth Round : July 1959-June 1960)
116. Tables with Notes on Family Planning (Sixteenth Round : July 1960-June 1961)
117. Tables with Notes on Enquiry of Physically Handicapped Persons (Sixteenth Round : July 1960-August 1961)
118. Tables with Notes on the Annual Survey of Industries, 1961 : Sample Sector : Summary Results
119. Special Study on Morbidity (Sixteenth Round : November 1960-October 1961)
120. Tables with Notes on Annual Survey of Industries 1962 : Sample Sector, Summary Results
121. Preliminary estimates of birth and death rate and of the rates of growth of population (18th Round : Feb. 1963-Jan. 1964)
122. Tables with Notes on the Annual Survey of Industries, 1959 : Sample Sector (Detailed Results)
123. Tables with Notes on the Annual Survey of Industries, 1963 : Sample Sector (Summary Results)
124. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (Eighteenth Round : July 1963-June 1964)
125. Technical Paper on Sample Design (Nineteenth Round : July 1964-June 1965)
126. Tables with Notes on Internal Migration (Fourteenth Round July 1958-June 1959 & Fifteenth Round : July 1959-June 1960)
127. Tables with Notes on Urban Labour Force (Seventeenth Round : September 1961-July 1962)
128. Tables with Notes on Internal Migration (Rural) (14th Round : July 1958-June 1959)
129. Report on Pilot Enquiry on Morbidity (17th Round : September 1961-July 1962)
130. Tables with Notes on Professions and Liberal Arts (18th Round : February 1963-January 1964)
131. Tables with Notes on the Annual Survey of Industries, 1960 : Sample Sector (Detailed Results)
132. Tables with Notes on the Annual Survey of Industries, 1964 : Sample Sector (Summary Results)
133. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (19th Round : July 1964-June 1965)
134. Tables with Notes on Income of Rural Labour Households (18th Round : February 1963-January 1964)
135. Tables with Notes on Consumer Expenditure (Preliminary) (17th Round : September 1961-July 1962)
136. Tables with Notes on Capital Formation (Urban) (17th Round : September 1961-July 1962)
137. Tables with Notes on Housing Condition (16th Round : July 1960-August 1961)
138. Tables with Notes on Consumer Expenditure (16th Round : July 1960-August 1961)
139. Tables with Notes on the Annual Survey of Industries, 1961 : Sample Sector (Detailed Results)
140. Tables with Notes on Some Aspects of Agriculture in India (Rural) (11th Round : August 1956-February 1957)
141. Tables with Notes on Household Consumption of Fuel and Light (18th Round : February 1963-January 1964)
142. Tables with Notes on Consumer Expenditure (Preliminary) (18th Round : February 1963-January 1964)
143. Tables with Notes on Indebtedness of Scheduled Tribe Households (18th Round : February 1963-January 1964)
144. Tables with Notes on Some Aspects of Land Holdings in Rural Areas (State and All-India Estimates) (17th Round : September 1961-July 1962)
145. Tables with Notes on Income of Scheduled Tribe Households (18th Round : February 1963-January 1964)
146. Tables with Notes on Housing Condition (15th Round : July 1959-June 1960)
147. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (20th Round : July 1965-June 1966)
148. Report on Special Survey on Household Entrepreneurial Activities in Aligarh Town, 1959-60)
149. Report on Pilot Study on Non-household Enterprises (19th Round : February 1965-June 1965)
150. Tables with Notes on Housing Condition (17th Round : September 1961-July 1962)
151. Tables with Notes on Consumer Expenditure (Some Selected Items) (18th Round : February-June 1964)
152. Tables with Notes on Urban Labour Force (18th Round : February 1963-January 1964)
153. Differential Birth, Death and Infant Mortality Rates in Rural Households (15th Round : July 1959-June 1960)
154. Tables with Notes on Couple Fertility (17th Round : September 1961-July 1962)
155. Tables with Notes on Consumer Expenditure (Some Important Items) (18th Round : February 1963-January 1964)
156. Tables with Notes on Rural Employment and Unemployment (15th Round : July 1959-June 1960)
157. Tables with Notes on Urban Employment and Unemployment (15th Round : July 1959-June 1960)
158. Tables with Notes on Consumer Expenditure of Scheduled Tribe Households (18th Round : July 1963-May 1964)
159. Tables with Notes on Some Aspects of Land Holdings in Rural India (Sixteenth Round : July 1960-June 1961)
160. Some Results of Land Utilisation Survey and Crop-cutting Experiments (21st Round : July 1966-June 1967)



161. Tables with Notes on the Annual Survey of Industries, 1965, Sample Sector; Summary Results
162. Tables with Notes on Some Results of Land Holding in Rural India (17th Round : Sept. 1961-July 1962)
163. Tables with Notes on Urban Labour Force (19th Round : July 1964-June 1965)
164. Tables with Notes on the Annual Survey of Industries, 1962, Sample Sector, Detailed Results
165. Tables with Notes on Some Aspects of Land Holding in Urban Areas (17th Round : Sept. 1961-July 1962)
166. Tables with Notes on Urban Labour Force (20th Round : July 1965-June 1966)
167. Tables with Notes on Villages and Towns in India (19th Round : July 1964-June 1965)
168. Tables with Notes on the Annual Survey of Industries 1963, Sample Sector, Detailed Results
169. Tables with Notes on Housing Condition of Scheduled Tribe Households of Manipur and Tripura (18th Round : June 1963-May 1964)
170. Tables with Notes on Housing Condition (18th Round : Feb. 1963-Jan. 1964)
171. Some Results Relating to Construction of Pucca Houses in Rural and Urban Areas (22nd Round : July 1967-June 1968)
172. Tables with Notes on Indian Villages—Some Important Results (18th Round : Feb. 1963-Jan. 1964)
173. Tables with Notes on Employment & Unemployment in Rural and Urban Areas of India (19th Round : July 1964-June 1965)
174. Tables with Notes on the Annual Survey of Industries, 1966, Sample Sector—Summary Results
175. Tables with Notes on Differential Fertility and Mortality Rates in India (18th Round : Feb. 1963-Jan. 1964)
176. Some Results of the Land Utilisation Survey and Crop-cutting Experiments (22nd Round : July 1967-June 1968)
177. Vital Rates in India (19th Round : July 1964-June 1965)
178. Tables with Notes on the Annual Survey of Industries, 1965, Sample Sector, Detailed Results
179. Tables with Notes on Consumer Expenditure (Preliminary) (19th Round : July 1964-June 1965)
180. Tables with Notes on the Fertility & Mortality Rates in Urban Areas of India (16th Round : July 1960-August 1961)
181. Tables with Notes on Urban Labour Force (21st Round : July 1966-June 1967)
182. Tables with Notes on Internal Migration (18th Round : Feb. 1963-Jan. 1964)
183. Tables with Notes on Post Census Survey of Livestock Numbers, 1966 (Rural Sector)
184. Tables with Notes on Consumer Expenditure (17th Round : Sept. 1961-July 1962)
185. Age Pattern of marriages and Fertility of Couples (19th Round : July 1964-June 1965)
186. Tables with Notes on Differential Fertility and Mortality Rates in Rural & Urban Areas of India (19th Round : July 1964-June 1965) (Integrated Household Survey, Schedule 17)
187. Pilot Enquiry of Building Construction—Some Results (22nd Round : July 1967-June 1968) (Urban)
188. Tables with Notes on the A. S. I. 1954, Sample Sector—Detailed Results
189. Tables with Notes on Household Consumer Expenditure and Enterprise for Rural and Urban Areas of India (19th Round : July 1964-June 1965) (Schedule 17)
190. Tables with Notes on Employment and Unemployment in Rural Areas (17th Round : Sept. 1961—July 1962)
191. Tables with Notes on Consumer Expenditure in Urban Areas (18th Round : February 1963—January 1964)
192. Tables with Notes on Consumer Expenditure (19th Round : July 1964—June 1965)
193. Tables with Notes on Family Planning (22nd Round : 5th sub round : March/April, 1968)
194. Tables with Notes on the Annual Survey of Industries, 1967, Sample Sector : Summary Results
195. Tables with Notes on Housing Condition (19th Round : July 1964—June 1965)
196. Tables with Notes on Villages & Towns in India : Some Results (22nd Round : July 1967—June 1968)
197. Tables with Notes on Household Distribution Trade (20th Round : July 1965—June 1966)
198. Tables with Notes on Annual Survey of Industries, 1966— Sample Sector : Detailed Results
199. Tables with Notes on Capital Formation (19th Round : July 1964—June 1965)
200. Some Results on the Land Utilisation Survey and Crop-cutting Experiments (23rd Round : July 1968-June 1969)
201. Tables with Notes on Household Consumer Expenditure Enterprise and Demographic Particulars, (20th Round : July 1965—June 1966)
202. Tables with notes on farm practices (22nd Round July 1962—June 1968)
203. Tables with notes on households enterprise (19th Round : July 1964—June 1965)
204. Vital rates by per capita monthly household expenditure (22nd Round : July 1967—June 1968)