

THE NATIONAL SAMPLE SURVEY

FOURTEENTH ROUND : JULY 1958—JUNE 1959

NUMBER 109

TABLES WITH NOTES ON
INDIAN VILLAGES



Issued by

The Cabinet Secretariat : Government of India

Printed by the Eka Press, Calcutta in 1960 and published
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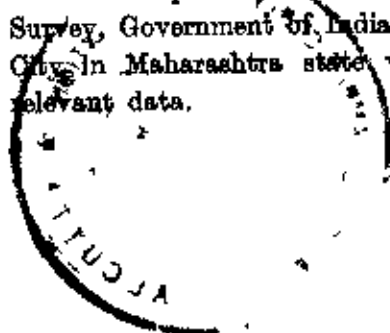
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Supervision of computing, punching and machine tabulation was entrusted to Kailash Prasad.

The design of the survey was prepared by the Indian Statistical Institute.

The primary data were collected by the Directorate of the National Sample Survey, Government of India, in all the states except West Bengal and Bombay City. In Maharashtra state where the Indian Statistical Institute collected the relevant data.



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*The report entitled 'Indian Villages, 14th Round, July 1958—June 1959' was prepared by the Indian Statistical Institute and is being published in the form in which it was submitted to the Government of India and Government are not responsible for the views contained therein.**

CHAPTER ONE

INTRODUCTION

1. The data on Indian villages presented in this report were collected in the 14th round of the National Sample Survey (NSS) and covered the period July 1958—June 1959. Similar data collected during the preceding four rounds (10th to 13th rounds) have already been published in the NSS Reports Nos. 45 and 54. Information was collected on the distance between the village and the different centres and institutions serving the socio-economic needs of the village in regard to education, health, communication, marketing, administration, etc. the extent of educative and informative facilities (like radio, newspaper, library, etc.) available in the village; information on some operational aspects of cultivation such as the type of tilling practised, the source of irrigation and the type of manure used, information on the extent of educational and medical facilities available within the village.

2. The geographical coverage of the survey was the whole of rural India excluding the Andaman and Nicobar Islands and the Amnndivi and Laccadive Islands, the North East Frontier Agency and the Ladakh district in Jammu and Kashmir.

3. The data were collected by the interview method. Data on distance of the village from the nearest educational, health, administrative communication centre, etc. were obtained from the village headman or in his absence from some equally knowledgeable person. Information regarding educational and medical institutions inside the village was obtained from the authorities associated with the respective institutions.

*The draft report (No. D. 115) was submitted to the Government of India in March 1963.

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4. A stratified uni-stage sampling design was adopted with villages as the sampling units. The number of strata was 218 and the total sample size was 2616 villages. In each stratum the sample was drawn in the form of two independent interpenetrating sub-samples which were surveyed by two different sets of investigators. The number of villages actually surveyed was 2594; 22 villages could not be surveyed for various reasons and had to be treated as casualties. A note on sampling design as well as the procedure for arriving at the estimates is given in Appendix II.

5. Some important results of the survey are summarised in Chapter Two. The results available from the Survey are presented in the set of statistical tables which form Appendix I to this report. The figures given are mostly percentage distributions or ratios. All-India estimates have been presented for each sub-sample and for the combined sample.

6. A facsimile of the schedule in which data on Indian villages were collected during the fourteenth round has been given in Appendix III.

CHAPTER TWO

SUMMARY RESULTS

2.1. Some important results of the survey (based on the tables presented in Appendix I of this report) are summarised in this chapter. The figures given here refer to the combined sample.

2.2. *Distance between the village and some important institutions*: A little less than two-thirds of the villages (64.4%) were having a post office either in the village or within a distance of three and half miles from the village while within the same distance the service of telegraph office was available to only 16.5% of the villages. Slightly more than half of the number of villages (52.2%) were having primary school either in the village or within a distance of half a mile from the village; 22% of the villages were having a primary school at a distance of more than half a mile but within one and half miles; 26% of the villages were having primary school at a distance of more than one-and-a-half miles. Only one-fifth of the villages were having a health centre within a distance of three and a half miles. (Tables 1 to 5).

2.2. *Some operational aspects of cultivation (tilling, manuring, irrigation)*
Bullock-driven plough was used for tilling in over 90% of the Indian villages. A third of the villages (33.9%) used buffaloes also for driving the plough. Power-driven ploughs were used in only 2.4% of the villages. (Table 6). Roughly four out of every ten villages (38.6%) had wells available for irrigation purposes. Tanks as one of the sources of irrigation were reported by roughly a fourth (24.4%) of the villages. (Table 7). By far the largest number of villages (82%) reported use of compost as the principal manure and this type of manure was procured mostly from private sources. Chemical fertilisers were used in about a third of the total number of villages (34.1%); these were mainly available from Government sources. Green manure was also mostly obtained from private sources and was used by roughly a fifth of the villages (18.1%). (Table 8).

2.4. *Educative and informative facilities*: Of the four types of educative and informative facilities, on which information was obtained, radios were available in the largest number of villages (17.1%). Daily newspapers and weekly newspapers were received regularly in only 13.5 percent and 14.9 percent of the villages respectively, while public library facilities were available in only 9.2 percent of the villages. (Table 9).

2.5. *Educational institutions*: Primary schools alone constituted 78.3% of all the educational institutions in rural areas, while schools for secondary education accounted for 11.5% of the total number of educational institutions. (Table 10.1). Schools run by government and those receiving government aid together accounted

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for slightly more than 87% of all the institutions. 73% of the primary schools were run by government. (Table 10.2). 86.6% of all the institutions were recognised by government. The percentage of recognised institutions was the highest (90.2%) among middle schools. (Table 10.3). Taking all the educational institutions together, the number of institutions meant solely for girls was roughly half the number of institutions meant for boys only. Mixed type of institutions having both male and female students on rolls accounted for 84.5% of all the institutions. (Table 10.4).

2.6. *Medical practitioners*: Medical practitioners, in this context, refer to medical graduates, licentiates and compounders trained in the allopathic system of medicine. Over 40% of the total number of medical practitioners in rural areas were attached to hospitals and charitable dispensaries, one-third (32.8%) were attached to private chambers and a fifth (21.0%) were attached to veterinary hospitals. (Table 11.1).

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TABLE (1.1): PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST (1) RAILWAY STATION, (2) POST OFFICE AND (3) TELEGRAPH OFFICE

number of sample villages—2594

all India

distance (in miles)	percentage of villages from the nearest								
	railway station			post office			telegraph office		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. within village	0.7	0.6	0.7	8.5	10.1	9.3	0.7	0.7	0.7
2. up to $\frac{1}{2}$ mile	1.6	1.5	1.8	5.5	6.6	6.2	1.0	0.8	0.9
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	3.5	4.0	3.7	18.0	17.2	17.6	2.0	2.9	2.7
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	4.9	3.8	4.4	17.3	17.0	17.2	5.4	4.7	5.0
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	6.2	5.9	6.1	14.5	13.9	14.7	6.3	6.1	7.2
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	5.5	5.3	5.3	9.4	8.3	8.8	7.3	6.2	7.8
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	3.0	4.7	3.9	5.5	5.5	5.5	6.5	6.2	6.4
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	17.0	17.0	17.0	11.1	11.3	11.2	28.7	27.0	27.8
9. more than $10\frac{1}{2}$ and up to 15 miles	9.8	8.7	9.2	3.0	3.8	3.4	13.8	15.0	14.4
10. more than 15 and up to 20 miles	7.2	8.2	7.7	1.2	0.2	0.7	8.2	8.2	8.2
11. above 20 miles	25.5	34.0	34.7	1.2	1.7	1.5	14.9	13.8	14.4
12. not available	5.1	3.3	5.7	4.8	4.3	4.5	4.6	4.4	4.5
13. total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE (1.2): CUMULATIVE PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST
(1) RAILWAY STATION, (2) POST OFFICE AND (3) TELEGRAPH OFFICE

Number of sample villages- 2604

all India

distance (in miles)	cumulative percentage of villages from the nearest								
	railway station			post office			telegraph office		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. within village	0.7	0.6	0.7	8.5	10.1	9.3	0.7	0.7	0.7
2. up to $\frac{1}{2}$ mile	2.3	2.1	2.3	14.0	16.9	15.6	1.7	1.5	1.6
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	5.9	6.1	6.0	32.0	34.1	33.1	4.3	4.4	4.3
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	10.7	9.4	10.4	48.3	51.1	50.3	9.7	9.1	9.3
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	16.9	15.8	16.5	63.8	64.9	64.4	16.0	17.2	16.5
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	22.4	21.1	21.8	73.2	73.2	73.2	23.3	25.4	24.3
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	25.4	25.8	25.7	78.7	78.7	78.7	29.8	31.6	30.7
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	42.4	42.6	42.7	89.8	90.0	89.9	58.5	58.6	58.5
9. more than $10\frac{1}{2}$ and up to 15 miles	52.2	51.5	51.9	92.8	93.8	93.3	72.3	73.6	72.9
10. more than 15 and up to 20 miles	59.4	59.7	59.6	94.0	94.0	94.0	80.5	81.8	81.1
11. above 20 miles	94.0	93.7	94.3	95.2	95.7	95.5	95.4	95.6	95.5
12. total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Includes percentage of villages for which information on distances was not available.

Rural Villages

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TABLE (2.1): PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST (1) METALLED ROAD AND (2) WHOLESALE MARKET

number of sample villages—2594

all India

distance (in miles)	percentage of villages from the nearest					
	metalled road			wholesale market		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. within village	10.9	11.0	10.9	0.4	0.3	0.3
2. up to $\frac{1}{4}$ mile	5.5	8.0	6.8	0.9	1.3	1.0
3. more than $\frac{1}{4}$ and up to $1\frac{1}{4}$ miles	10.4	13.4	11.4	2.2	3.2	2.7
4. more than $1\frac{1}{4}$ and up to $2\frac{1}{4}$ miles	11.4	9.2	10.8	4.9	5.4	5.2
5. more than $2\frac{1}{4}$ and up to $3\frac{1}{4}$ miles	11.8	9.0	10.4	7.0	5.6	6.3
6. more than $3\frac{1}{4}$ and up to $4\frac{1}{4}$ miles	6.6	6.8	6.7	5.9	7.5	6.7
7. more than $4\frac{1}{4}$ and up to $5\frac{1}{4}$ miles	6.5	4.8	5.6	6.1	5.5	5.8
8. more than $5\frac{1}{4}$ and up to $10\frac{1}{4}$ miles	15.3	13.4	15.9	23.5	24.7	25.3
9. more than $10\frac{1}{4}$ and up to 15 miles	6.8	6.3	6.4	13.5	16.2	14.9
10. more than 15 and up to 20 miles	3.1	3.2	3.2	8.4	9.5	9.0
11. above 20 miles	7.4	8.3	7.8	18.5	15.8	17.6
12. not available	4.6	4.6	4.6	5.7	4.3	5.0
13. total	100.0	100.0	100.0	100.0	100.0	100.0

TABLE (2.2): CUMULATIVE PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST (1) METALLED ROAD, AND (2) WHOLESALE MARKET

number of sample villages—2594

all India

distance (in miles)	cumulative percentage of villages from the nearest					
	metalled road			wholesale market		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. within village	10.9	11.0	10.9	0.4	0.3	0.3
2. up to $\frac{1}{4}$ mile	16.4	19.0	17.7	1.3	1.8	1.3
3. more than $\frac{1}{4}$ and up to $1\frac{1}{4}$ miles	26.8	31.4	29.1	3.5	4.3	4.0
4. more than $1\frac{1}{4}$ and up to $2\frac{1}{4}$ miles	38.2	40.6	39.4	8.4	10.2	9.2
5. more than $2\frac{1}{4}$ and up to $3\frac{1}{4}$ miles	50.0	49.6	49.8	15.4	15.8	15.5
6. more than $3\frac{1}{4}$ and up to $4\frac{1}{4}$ miles	56.6	56.4	56.5	21.3	23.3	22.2
7. more than $4\frac{1}{4}$ and up to $5\frac{1}{4}$ miles	63.1	61.2	62.1	27.4	28.3	28.0
8. more than $5\frac{1}{4}$ and up to $10\frac{1}{4}$ miles	78.4	77.6	78.0	53.9	53.8	53.6
9. more than $10\frac{1}{4}$ and up to 15 miles	84.3	83.9	84.4	67.4	69.7	68.5
10. more than 15 and up to 20 miles	89.0	87.1	87.6	75.8	79.2	77.5
11. above 20 miles	95.4	95.4	95.4	94.3	95.7	95.0
12. total*	100.0	100.0	100.0	100.0	100.0	100.0

* includes percentage of villages for which information on distance was not available.

TABLE (3.1): PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST
(1) POLICE STATION, (2) URBAN AREA, AND (3) SOURCE OF ELECTRIC SUPPLY.

number of sample villages--2594

all India

distance (in miles)	percentage of villages from the nearest								
	police station			urban area			source of electric supply		
	s.a. 1	s.a. 2	comb.	s.a. 1	s.a. 2	comb.	s.a. 1	s.a. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. within village	1.1	1.3	1.2	—	—	—	4.2	4.6	4.3
2. upto $\frac{1}{2}$ mile	0.5	1.6	1.0	0.4	0.4	0.4	1.8	2.3	2.0
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	3.8	3.7	3.8	1.1	1.6	1.3	3.6	3.7	3.6
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	7.5	5.3	6.4	3.1	3.3	3.2	3.8	4.2	4.0
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	9.5	9.6	9.6	4.4	4.3	4.4	5.6	4.2	4.9
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	10.3	10.6	10.4	4.8	6.5	5.7	4.2	6.0	5.2
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	9.1	9.1	9.1	4.9	3.9	4.4	4.3	2.7	3.5
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	32.9	32.9	32.4	24.5	23.5	24.0	18.9	14.1	15.5
9. more than $10\frac{1}{2}$ and up to 16 miles	12.3	12.7	12.6	16.3	16.2	16.3	11.3	12.6	11.9
10. more than 16 and up to 20 miles	4.3	5.2	4.8	10.2	10.3	10.2	6.9	9.9	8.4
11. above 20 miles	3.0	3.7	3.3	25.6	24.8	25.1	27.2	25.9	26.6
12. not available	4.7	4.4	4.0	5.8	6.3	6.0	10.3	9.9	10.1
13. total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE (3.2) : CUMULATIVE PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST
(1) POLICE STATION, (2) URBAN AREA, AND (3) SOURCE OF ELECTRIC SUPPLY.

number of sample villages—2504

all India

distance (in miles)	cumulative percentage of villages from the nearest								
	police station			urban area			source of electric supply		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. within village	1.1	1.3	1.2	—	—	—	4.2	4.5	4.3
2. up to $\frac{1}{2}$ mile	1.6	2.9	2.2	0.4	0.4	0.4	6.0	6.8	6.3
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	5.4	6.6	6.0	1.6	1.9	1.7	9.5	10.5	9.9
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	12.9	11.9	12.4	4.6	5.2	4.9	13.3	14.7	13.9
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	22.4	21.4	21.9	9.0	9.5	9.3	18.9	18.9	18.8
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	32.7	32.0	32.3	13.8	16.0	15.0	23.1	24.9	24.0
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	41.8	41.1	41.4	18.7	19.9	19.4	27.4	27.6	27.5
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	75.7	74.0	74.8	43.2	43.4	43.4	44.3	41.7	43.0
9. more than $10\frac{1}{2}$ and up to 15 miles	88.0	86.7	87.3	58.5	58.6	59.7	55.6	54.3	54.9
10. more than 15 and up to 20 miles	92.3	91.9	92.1	68.7	68.9	68.9	62.5	64.2	63.3
11. above 20 miles	95.3	95.6	95.4	94.2	93.7	94.0	89.7	90.1	89.9
12. total*	100.0	100.0	100.00	100.0	100.0	100.0	100.0	100.0	100.0

* includes percentages of villages for which information on distance was not available.

TABLE (4.1): PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST
(1) PRIMARY SCHOOL, (2) MIDDLE SCHOOL, (3) JUNIOR HIGH SCHOOL, AND (4) HIGH SCHOOL.

number of sample villages—2594

all India

distance (in miles)	percentage of villages from the nearest											
	primary school			middle school			junior high school			high school		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. within village	38.5	38.1	38.8	4.0	3.8	3.9	1.2	1.4	1.4	1.5	1.1	1.3
2. up to $\frac{1}{2}$ mile	12.0	14.9	13.4	2.8	4.1	3.4	1.5	2.8	2.1	1.8	2.3	2.2
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	23.2	20.3	21.7	12.1	11.7	11.9	6.6	7.0	6.8	6.1	4.6	5.3
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	9.5	7.7	8.7	12.3	10.9	11.6	8.5	9.8	9.1	8.9	7.7	8.3
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	4.5	5.7	5.1	11.2	11.6	11.4	6.8	6.0	6.4	7.7	8.7	8.2
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	1.8	2.4	2.1	9.2	7.7	8.5	8.2	7.9	7.6	8.9	10.5	9.7
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	0.9	1.2	1.1	5.3	5.9	5.6	4.7	5.6	5.2	6.7	5.5	6.1
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	1.7	3.0	2.3	12.8	15.5	14.7	14.7	16.1	15.4	23.5	22.7	23.1
9. more than $10\frac{1}{2}$ and up to 15 miles	0.1	0.3	0.2	4.5	6.6	5.6	6.6	8.2	7.4	11.1	12.6	11.9
10. more than 15 and up to 20 miles	0.3	0.3	0.3	3.1	1.6	2.3	4.7	3.6	4.1	7.5	7.8	7.5
11. above 20 miles	0.6	0.3	0.4	3.1	2.5	2.8	7.3	5.7	6.5	11.1	11.2	11.1
12. not available	5.9	5.8	5.9	19.6	17.1	18.3	29.2	26.8	28.0	5.2	5.5	5.3
13. total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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Indice Villages

TABLE (4.2): CUMULATIVE PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST
(1) PRIMARY SCHOOL, (2) MIDDLE SCHOOL, (3) JUNIOR HIGH SCHOOL, AND (4) HIGH SCHOOL.

number of sample villages—2594

all India

distance (in miles)	cumulative percentage of villages from the nearest											
	primary school			middle school			junior high school			high school		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. within village	39.5	38.1	38.8	4.0	9.8	3.9	1.2	1.4	1.4	1.5	1.1	1.2
2. up to $\frac{1}{2}$ mile	51.5	50.0	50.2	6.8	7.9	7.3	2.1	4.2	3.5	3.2	3.4	3.5
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	74.7	73.3	73.9	18.9	19.6	19.2	9.2	11.2	10.2	9.4	9.0	8.8
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	84.2	81.0	82.4	31.2	30.6	30.8	17.8	21.0	19.4	18.3	15.7	17.1
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	90.5	86.5	87.7	42.4	42.1	42.3	24.6	27.0	25.8	26.0	24.4	25.2
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	90.5	88.1	89.8	51.6	49.8	50.7	32.8	34.6	32.4	34.9	34.9	35.9
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	91.4	90.3	90.9	58.9	55.7	56.3	37.5	39.8	38.6	41.6	40.4	41.1
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	93.1	90.3	93.2	69.7	72.2	71.0	52.2	55.7	54.0	62.1	63.1	64.2
9. more than $10\frac{1}{2}$ and up to 15 miles	93.2	90.6	93.4	74.2	78.8	76.6	68.8	68.9	61.4	70.2	70.7	70.7
10. more than 15 and up to 20 miles	93.5	90.9	93.7	77.3	80.4	78.9	68.5	67.6	65.6	83.7	83.3	83.0
11. above 20 miles	94.1	94.2	94.1	80.4	82.9	81.7	70.8	72.2	72.0	94.8	94.5	94.7
12. total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Includes percentage of villages for which information on distance was not available.

TABLE (5.1): PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST (1) HEALTH CENTRE, (2) CHARITABLE DISPENSARY, (3) HOSPITAL, (4) VETERINARY HOSPITAL/CENTRE AND (5) QUALIFIED DOCTOR (GRADUATE OR LICENTIATE)

number of sample villages—2504

all India

distance (in miles)	percentage of villages from the nearest														
	health centre			charitable dispensary			hospital			veterinary hospital or centre			qualified doctor (graduate or licentiate)		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. within village	1.3	1.0	1.2	2.6	2.2	2.4	0.7	0.7	0.7	0.8	2.5	1.6	1.9	2.1	2.0
2. up to $\frac{1}{2}$ mile	1.8	1.4	1.6	2.4	2.0	2.3	1.7	1.3	1.5	2.1	1.1	1.0	1.5	2.6	2.1
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	3.6	4.3	3.9	5.3	5.7	5.5	3.0	3.2	3.2	3.0	3.6	3.3	5.5	5.5	5.5
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	6.2	4.9	5.5	8.2	7.9	8.0	5.9	4.5	5.3	5.5	5.3	5.4	8.4	6.3	7.4
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	7.8	8.5	8.2	10.5	10.6	10.6	7.0	7.0	7.0	6.3	7.3	6.8	8.8	9.3	9.0
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	7.2	8.1	7.6	9.8	10.7	10.2	8.6	8.7	8.8	7.0	9.5	8.3	8.5	9.9	9.1
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	6.5	5.1	5.8	7.0	7.3	7.2	6.7	6.7	6.7	7.0	6.0	6.5	6.6	7.4	7.0
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	18.2	14.1	16.1	22.2	21.3	21.8	23.3	24.5	26.4	29.2	25.6	27.4	27.8	23.2	25.5
9. more than $10\frac{1}{2}$ and up to 15 miles	11.2	12.3	11.9	8.9	9.9	9.4	14.0	14.8	14.4	15.8	14.7	15.2	10.7	12.4	11.6
10. more than 15 and up to 20 miles	5.4	5.7	5.5	4.6	3.3	3.9	7.4	8.2	7.8	7.5	8.5	8.2	5.7	4.9	5.3
11. above 20 miles	12.5	13.2	12.9	5.8	6.3	7.5	11.5	15.5	13.5	10.3	10.9	10.6	8.9	10.7	9.8
12. not available	13.2	21.4	19.8	11.7	10.8	11.2	5.2	4.6	4.9	5.1	5.0	5.1	5.7	5.7	5.7
13. total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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TABLE (5.2): CUMULATIVE PERCENTAGE DISTRIBUTION OF VILLAGES BY DISTANCE FROM THE NEAREST (1) HEALTH CENTRE, (2) CHARITABLE DISPENSARY, (3) HOSPITAL, (4) VETERINARY HOSPITAL/CENTRE AND (5) QUALIFIED DOCTOR (GRADUATE OR LICENTIATE)

number of sample villages—2594

all India

distance (in miles)	cumulative percentage of villages from the nearest														
	health centre			charitable dispensary			hospital			veterinary hospital or centre			qualified doctor (graduate or licentiate)		
	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.	s.s. 1	s.s. 2	comb.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. within village	1.3	1.0	1.2	2.6	2.2	2.4	0.7	0.7	0.7	0.8	2.5	1.8	1.9	2.1	2.0
2. up to $\frac{1}{2}$ mile	3.1	2.4	2.8	5.0	4.2	4.7	2.4	2.0	2.2	2.9	3.6	3.2	3.4	4.7	4.1
3. more than $\frac{1}{2}$ and up to $1\frac{1}{2}$ miles	6.7	6.7	6.7	10.3	9.9	10.2	5.4	5.2	5.4	5.9	7.2	6.5	8.9	10.2	9.8
4. more than $1\frac{1}{2}$ and up to $2\frac{1}{2}$ miles	12.9	12.6	12.2	18.5	17.8	18.2	11.3	9.8	10.7	11.5	12.5	11.9	17.3	16.5	17.0
5. more than $2\frac{1}{2}$ and up to $3\frac{1}{2}$ miles	20.7	20.1	20.4	29.0	28.4	28.8	18.3	16.8	17.7	17.8	19.8	18.7	26.1	25.9	26.0
6. more than $3\frac{1}{2}$ and up to $4\frac{1}{2}$ miles	27.9	28.2	28.0	38.8	39.1	39.0	26.9	25.5	26.3	24.8	29.2	27.0	34.6	35.7	35.1
7. more than $4\frac{1}{2}$ and up to $5\frac{1}{2}$ miles	34.5	33.3	33.8	45.8	46.4	46.2	33.6	32.2	33.0	31.8	35.3	33.5	41.2	43.1	42.1
8. more than $5\frac{1}{2}$ and up to $10\frac{1}{2}$ miles	53.7	47.4	49.9	68.0	67.7	68.0	61.9	60.8	59.4	61.0	60.9	60.9	69.0	68.2	67.6
9. more than $10\frac{1}{2}$ and up to 15 miles	63.9	59.7	61.8	76.9	77.6	77.4	75.9	71.6	73.8	76.8	75.6	76.1	79.7	78.7	79.2
10. more than 15 and up to 20 miles	69.3	65.4	67.3	81.5	80.9	81.3	83.3	79.8	81.6	84.6	84.1	84.3	85.4	83.6	84.5
11. above 20 miles	81.8	78.6	80.2	88.3	89.2	88.8	94.8	95.4	95.1	94.9	95.0	94.9	94.3	94.2	94.2
12. total*	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Includes percentage of villages for which information on distance was not available.

Indian Villages

TABLE (6): PERCENTAGE OF VILLAGES USING DIFFERENT TYPES OF PLOUGH FOR TILLING

type of plough	percentage of villages using		
	s.s. 1	s.s. 2	combined
	(1)	(2)	(3)
1. power driven	2.1	2.7	2.4
2. bullock driven	92.6	93.4	92.9
3. buffalo driven	84.2	83.5	83.9
4. others	7.8	6.3	7.1

N.B. The percentages under each column do not add up to 100 since villages reporting use of more than one type of plough are separately counted against each type.

TABLE (7): PERCENTAGE OF VILLAGES REPORTING AVAILABILITY OF SOURCE OF IRRIGATION BY TYPE AND CATEGORY OF SOURCE

source of irrigation	percentage of villages reporting								
	s.s. 1			s.s. 2			combined		
	private only	govt. only	total ¹	private only	govt. only	total ¹	private only	govt. only	total ¹
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. tanks	11.8	11.6	24.1	10.0	12.8	34.7	11.2	12.0	24.4
2. wells	35.5	2.1	39.1	85.5	1.7	38.1	35.5	1.9	39.6
3. tube-wells	1.4	2.0	3.8	1.6	3.4	5.4	1.5	2.7	4.8
4. canals	2.4	13.2	15.6	4.1	12.0	16.1	2.5	12.0	15.9
5. rivers ²	2.7	4.2	6.9	3.9	4.0	8.0	3.3	4.1	7.5
6. springs	2.2	0.7	2.9	3.1	1.7	4.8	2.7	1.2	3.9
7. others	4.1	1.7	5.9	4.5	2.7	7.5	4.3	2.2	6.7

¹The total includes the percentage of villages where both private and government sources of irrigation were available.

²Private source connotes that the means of lifting water from river for irrigation is owned and controlled by non-government entities.

N.B. The percentages under each column do not add up to 100 since villages reporting more than one source of irrigation are separately counted against each source.

National Sample Survey

TABLE (8): PERCENTAGE OF VILLAGES REPORTING USE OF MANURE BY TYPE OF MANURE AND BY SOURCE

number of sample villages—2664 all India

type of manure	percentage of villages using manure by source								
	s.s. 1			s.s. 2			combined		
	private only	govt. only	total*	private only	govt. only	total*	private only	govt. only	total*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. chemical	9.5	20.0	22.0	10.5	22.3	25.9	10.1	22.1	24.1
2. compost or dung	79.4	2.6	82.2	81.4	2.3	83.8	80.4	2.5	82.0
3. oil cakes	9.8	0.9	11.1	10.0	0.9	11.2	9.9	0.9	11.2
4. green manure	15.3	1.0	16.3	19.4	0.8	19.6	17.4	0.6	18.1
5. others	5.0	0.2	5.2	4.5	0.5	5.2	4.7	0.4	5.2

* The total includes the percentage of villages using manure from both private and govt. sources.
N.B. The percentages under each column do not add up to 100 since villages reporting more than one type of manure are counted separately against each type.

TABLE (9): PERCENTAGE OF VILLAGES REPORTING DIFFERENT TYPES OF EDUCATIVE AND INFORMATIVE FACILITIES

number of sample villages—2664 all India

type of facility	percentage of villages		
	s.s. 1	s.s. 2	combined
	(1)	(2)	(3)
1. radio	16.1	16.1	17.1
2. daily news paper	13.9	12.1	13.5
3. weekly news paper	13.8	15.9	14.6
4. public library	9.5	9.0	9.2

N.B. The percentages under each column do not add up to 100 since villages reporting more than one type of educative and informative facility are counted separately against each type.

Indian Villages

✓ TABLE (10.1): PERCENTAGE DISTRIBUTION OF EDUCATIONAL INSTITUTIONS IN RURAL AREAS BY TYPE OF INSTITUTION.

type of institution	percentage of institutions		
	s.s. 1	s.s. 2	combined
	(1)	(2)	(3)
1. high school	2.6	1.9	2.3
2. junior high school	1.6	2.7	2.2
3. middle school	7.6	6.5	7.0
4. primary school	77.6	76.8	78.3
5. basic school	3.3	4.1	3.7
6. others	7.1	6.0	6.5
7. total	100.0	100.0	100.0

TABLE (10.2): PERCENTAGE DISTRIBUTION OF EDUCATIONAL INSTITUTIONS BY TYPE AND BY CATEGORY

number of sample villages—2594 all India

type of institution	percentage of institutions by category														
	s.s. 1					s.s. 2					combined				
	govt.	aided	private	not known	total	govt.	aided	private	not known	total	govt.	aided	private	not known	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. high school	17.4	51.0	29.5	1.6	100.0	22.1	33.0	39.4	5.5	100.0	19.4	43.8	33.6	3.2	100.0
2. junior high school	61.7	11.2	11.8	15.3	100.0	48.0	23.7	20.8	7.5	100.0	32.1	19.0	17.4	10.5	100.0
3. middle school	51.6	36.3	6.1	6.0	100.0	51.8	30.2	15.0	3.5	100.0	51.5	38.5	10.2	4.8	100.0
4. primary school	76.4	16.1	5.5	2.0	100.0	69.7	20.2	7.2	2.9	100.0	73.0	18.1	6.4	2.5	100.0
5. basic school	86.7	22.2	11.1	—	100.0	87.7	7.1	3.2	1.0	100.0	78.3	13.8	6.8	1.1	100.0
6. others	38.5	9.3	53.2	—	100.0	47.6	20.8	27.2	6.0	100.0	42.5	14.4	40.6	2.3	100.0
7. all institutions	68.7	18.2	9.8	2.3	100.0	66.4	20.6	9.8	3.2	100.0	68.0	19.4	9.8	2.8	100.0

TABLE (10.3): PERCENTAGE DISTRIBUTION OF EDUCATIONAL INSTITUTIONS BY TYPE AND BY CATEGORY

number of sample villages—2594

all India

type of institution	percentage of institutions by category											
	S.S. 1				S.S. 2				combined			
	recog- nised	not recog- nised	not known	total	recog- nised	not recog- nised	not known	total	recog- nised	not recog- nised	not known	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. high school	82.8	16.7	1.5	100.0	75.3	19.3	5.4	100.0	79.7	17.2	3.1	100.0
2. junior high school	72.9	11.8	15.3	100.0	72.0	20.5	7.5	100.0	72.3	17.3	10.4	100.0
3. middle school	90.9	3.1	6.0	100.0	89.3	5.9	4.8	100.0	90.2	4.4	5.4	100.0
4. primary school	93.0	4.6	2.4	100.0	88.4	10.7	2.9	100.0	89.7	7.7	2.6	100.0
5. basic school	88.9	11.1	—	100.0	84.7	13.3	2.0	100.0	88.6	12.3	1.1	100.0
6. others	42.9	57.1	—	100.0	65.7	27.5	6.8	100.0	53.5	43.4	3.1	100.0
7. all institutions	88.6	8.8	2.6	100.0	84.6	12.0	3.4	100.0	86.6	10.4	2.0	100.0

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TABLE (10.4): PERCENTAGE DISTRIBUTION OF EDUCATIONAL INSTITUTIONS BY TYPE AND BY CATEGORY.

number of sample villages—2594

all India

type of institution	percentage of institutions by category														
	s.s. 1					s.s. 2					combined				
	boys only	girls only	mixed	not known	total	boys only	girls only	mixed	not known	total	boys only	girls only	mixed	not known	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1. high school	18.1	—	82.4	1.5	100.0	38.0	0.8	61.8	1.8	100.0	24.4	0.3	73.7	1.6	100.0
2. junior high school	19.6	—	66.1	15.2	100.0	27.3	10.8	54.6	7.5	100.0	24.4	8.7	58.6	10.4	100.0
3. middle school	14.2	6.7	70.0	9.1	100.0	8.3	4.7	75.8	11.2	100.0	11.5	5.8	72.7	10.0	100.0
4. primary school	5.9	3.1	69.6	1.4	100.0	7.1	2.8	87.2	2.9	100.0	6.5	3.0	88.4	2.1	100.0
5. basic school	3.8	2.4	52.8	—	100.0	0.4	0.7	90.9	2.0	100.0	1.9	5.3	91.7	1.1	100.0
6. others	25.3	15.4	59.3	—	100.0	31.4	7.2	68.7	2.6	100.0	28.1	11.7	59.0	1.2	100.0
7. all institutions	8.3	4.1	65.6	2.1	100.0	9.4	3.6	83.8	3.4	100.0	8.9	3.8	84.6	2.8	100.0

TABLE (II.1): PERCENTAGE DISTRIBUTION OF THE ESTIMATED NUMBER OF MEDICAL PRACTITIONERS
BY TYPE OF MEDICAL INSTITUTION AND BY CATEGORY OF MEDICAL PRACTITIONER

(base = each category of medical practitioner)

number of sample villages—2664

all India

type of institution	percentage of medical practitioners by category											
	s.s. 1				s.s. 2				combined			
	gradu- ates	licen- tates	com- pounders	total	gradu- ates	licen- tates	com- pounders	total	gradu- ates	licen- tates	com- pounders	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. hospital	19.8	10.1	21.6	16.2	26.6	5.6	21.2	19.4	24.2	8.5	21.4	17.9
2. charitable dispensary	4.5	19.2	33.8	21.6	23.6	33.1	21.7	24.9	16.9	24.4	26.5	23.4
3. veterinary hospital/centre	32.3	3.7	13.6	13.1	33.8	13.4	30.6	27.7	33.6	7.3	23.8	21.0
4. maternity home	—	2.9	—	1.3	0.8	—	0.5	0.5	0.5	1.8	0.2	0.3
5. private chambers	24.4	60.1	24.1	40.0	15.1	44.1	25.7	26.5	18.4	54.1	26.0	22.8
6. health centre	18.0	4.0	6.9	7.3	0.1	2.6	0.4	1.0	6.4	3.9	3.0	4.1
7. all institutions	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE (11.2): PERCENTAGE DISTRIBUTION OF THE ESTIMATED NUMBER OF MEDICAL PRACTITIONERS
BY TYPE OF MEDICAL INSTITUTION AND BY CATEGORY OF PRACTITIONER

(base = ~~600~~ type of medical institution)

number of sample villages—2504

all India

type of institution	percentage of medical practitioners by category											
	s.s. 1				s.s. 2				combined			
	gradu- ates	licen- tiated	con- pounders	total	gradu- ates	licen- tiated	con- pounders	total	gradu- ates	licen- tiated	con- pounders	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1. hospital	23.6	27.6	48.6	100.0	41.9	6.8	51.5	100.0	34.4	15.4	50.2	100.0
2. charitable dispensary	4.1	39.2	56.7	100.0	29.1	29.8	41.1	100.0	18.4	33.8	47.8	100.0
3. veterinary hospital/centre	49.7	12.6	37.7	100.0	37.3	10.8	51.8	100.0	40.8	11.4	47.8	100.0
4. maternity home	—	100.0	—	100.0	50.0	—	50.0	100.0	15.7	68.6	15.8	100.0
5. private chamber	11.9	69.2	21.9	100.0	17.4	37.1	45.5	100.0	14.3	53.5	32.2	100.0
6. health centre	45.2	22.6	33.2	100.0	3.6	78.7	17.7	100.0	39.7	30.0	30.3	100.0
7. all institutions	19.6	44.1	36.3	100.0	30.6	22.2	47.1	100.0	25.6	32.4	42.1	100.0

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National Sample Survey

APPENDIX II

DESIGN OF THE SURVEY AND PROCEDURE OF ESTIMATION

SAMPLING DESIGN

For this survey a stratified uni-stage sampling design was adopted with villages as the sampling units.

2. *Stratification* : In each state strata were formed by grouping together contiguous tehsils which were homogeneous with respect to 1951 census population density, altitude above-sea-level and food crops grown in such a way that the population of the different strata were approximately equal. The number of strata in a state was taken as one-twelfth of the total allocation of sample villages for the state since 12 villages were to be selected per stratum, the total number of strata so formed was 219.

3. *Allocation* : The total sample size of 2616 villages was allocated to the different states on a joint consideration of their population, geographical area, crop acreage, the number of persons engaged in household enterprises as per the 1951 census and the investigating strength in the NSS Blocks of each state. The allocations were finally rounded off to multiples of 12. It may be noted that for purposes of stratification and allocation, the Union territories of Manipur and Tripura were merged with the state of Assam and those of Delhi and Himachal Pradesh with Punjab.

4. *Selection* : Within a stratum the tehsils were first arranged in a serpentine order (without breaking their geographical contiguity) and a random sample of 6 villages was selected circular systematically from the list of 1951 census villages and these constituted one sub-sample for the stratum. Another set of 6 villages was selected in a similar manner with an independent random start and constituted the other sub-sample of the stratum. Where a stratum had a large area it was divided into smaller regions (investigation zones) so that the area to be covered by an investigator was limited. From each stratum, 2 investigation zones were selected with probability proportional to the number of villages in them and with replacement. Two sets of 6 villages constituting the two sub-samples were then selected from these two investigation zones (one set from each investigation zone) in the manner described above.

5. *Work programme* : The survey period of one year (July 1958 to June 1959) was divided into six sub-rounds of two months each. In each stratum two investigators were posted and the same two investigators worked throughout the survey period, each surveying an independent sub-sample of 6 villages. The 6 sample villages in a stratum allotted to an investigator were numbered from 1 to 6 according to their order of selection and were visited in that order in each sub-round. Village statistics in all the sample villages were collected in the third sub-round.

National Sample Survey

PROCEDURE OF ESTIMATION

6. The all-India estimate of the total for a characteristic Y for a sub-sample is given by:

$$\hat{Y} = \sum_{s=1}^k \frac{V_s}{v_s} \sum_{i=1}^{v_s} y_{si}$$

where k = the number of strata,
 V_s = the total number of villages in the s -th stratum,
 v_s = the number of villages surveyed in the s -th stratum,
 y_{si} = value for the i -th village in the s -th stratum.

When estimating the number of villages in a class $y_{si} = 1$ if it belongs to that class and 0 otherwise.

7. The above procedure provides two independent estimates from the two sub-samples. The simple average of these estimates is the combined estimate. In this report, estimates have been presented in terms of percentages. These percentages have been calculated after obtaining the denominator and numerator by the application of the above formula.

APPENDIX III

FACSIMILE OF THE SCHEDULE OF INVESTIGATION

CENTRAL*
STATE

ORIGINAL*
DUPLICATE

GOVERNMENT OF INDIA NATIONAL SAMPLE SURVEY: 1958-59
Schedule 3.0: Village Statistics

RURAL

(Fourteenth Round)

[1] identification - sample village		[2] particulars of investigation		[3] general particulars	
1. serial number		1. investigator		1. area in acres (00)	
2. zone-state-natural division		2. roll number		2. population	
3. stratum		3. signature of investigator		3. no. of hamlets	
4. sub-sample		4. date: (i) collection		4. no. of shops/stalls†	
5. sample village		(ii) despatch to inspector		5. C.P.A. classification	
6. sub-round		5. inspector		[not in the C.P.A.-0; under C.P.A.: in N.E.S. block-1, in community project block-2, in community development block-3]	
7. state		6. date of inspection		6. name of informant	
8. district		7. signature of inspector		7. identity of informant	
9. tehsil/taluk/thana		8. date of scrutiny			
10. village		9. signature of scrutiniser			
		10. despatch to I.S.I.			

[4] distance and communication with

sr. no.	item	distance (a)**	condition of road (b)**	usual conveyance (c)**	sr. no.	item	distance (a)**	condition of road (b)**	usual conveyance (c)**
(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)
1.	nearest metalled road				10.	nearest health centre			
2.	.. railway station				11.	.. charitable dispensary			
3.	.. post-office				12.	.. hospital			
4.	.. telegraph office				13.	.. veterinary hospital or centre			
5.	.. wholesale market				14.	.. qualified doctor (M.B. or licentiate)			
6.	.. primary school				15.	.. source of electric supply			
7.	.. middle school				16.	.. police station			
8.	.. junior high school				17.	.. town (name.....)			
9.	.. high school								

[5] cultivation

tilling		irrigation			manuring			[6] educative & informative services						
types	no. of tools	area in acres	source	no. of tools	priv. 1	area in acres	item	no. of tools	source	area in acres	sr. no.	item	whether available in the sample village yes-1, no-2	no.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(1)	(2)	(3)	(4)
power driven	1		tanks	1			chemical	1			1	radio		
			wells	2			compost or dung	2			2	daily newspaper		
bullock	2		tube wells	3			oil-cakes	3			3	weekly newspaper		
			canals	4			green-manure	4			4	public library		
buffalo	3		rivers	5			others	5			5	social welfare centre		
others	4		spring	6										
			others	7										

* delete whichever is inapplicable

**code: (a) within village-00; up to 1/4 m-01; more than 1/4 & up to 1/2 m-02; more than 1/2 & up to 3/4 m-03; more than 3/4 & up to 1 m-04; more than 1 m & up to 1 1/4 m-05; more than 1 1/4 & up to 2 m-06; more than 2 m & up to 3 m-07; more than 3 m & up to 4 m-08; more than 4 m & up to 5 m-09; more than 5 m & up to 10 m-10; more than 10 m & up to 15 m-11; more than 15 m & up to 20 m-12; above 20 miles-13.

(b) foot-track-fair weather-01, all weather-02; unmetalled road-fair weather-03, all weather-04; metalled road-05; railway-06; canal-07; river-08; foot-track and unmetalled-09; foot-track & metalled-10; unmetalled & metalled-11; others-12.

(c) railway train-01; motor car or bus-02; boat, canoe-03; animal-drawn carts-04; rickshaw-05; cycle-06; foot-07; code 02+code 01-08; code 04+code 01-09; code 05+code 01-10; code 06+code 01-11; others-12.

† ring which code is applicable

†† code: grocery-1; stationery-2; tailoring-3; tea stall-4; multipurpose-5; others-6.

R.F. 1906-17.11.58-1,000

National Sample Survey

Sch. 2.0-2

[7] educational institutions (within sample village only)																
sr. no.	type of institution	number	total number of students				total no. of teachers		no. of villages served by							
			from the village		from other villages		male	female								
			boys	girls	boys	girls										
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1	high school															
2	junior high school															
3	middle school															
4	primary school															
5	basic school															
6	others															

[8] hospitals, dispensaries and private chambers (within sample village only)																		
sr. no.	description	number				number of practising												no. of villages served by
		govt.	aided	private	total	number of indoor beds	average no. of outdoor patients attending dly.	medical graduates	licentiates	compounders	homeopaths	ayurvedic physicians	hakims	midwives & nurses	health visitors	others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1.	hospital																	
	(a) with maternity ward																	
	(b) without maternity ward																	
2.	charitable dispensary						X											
3.	veterinary hospital or centre																	
4.	maternity home																	
5.	private chamber		X	X			X											
6.	health centre																	

[9] general information of the sample village collected from different sources			
item of information	rich farmer	agr. labour	trader
(1)	(2)	(3)	(4)
1. whether the village is dependent mainly on agriculture as principal means of livelihood	yes/no	yes/no	yes/no
2. whether the village is self-sufficient in respect of labour during harvesting period	yes/no	yes/no	yes/no
3. level of economic condition of village during period of survey compared to corresponding period of previous year			
4. whether the village is under 'gram panchayat'	yes/no		
5. any industry or craft (specified in appendix) code no.			

[10] co-operative credit facilities					[11] remarks by investigator	
sr. no.	type	number	number of members	no. of members belonging to the sample village	outstanding loan to villagers	
					no. of loans	value (Rs. 00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	co-operative credit					
2.	marketing					
3.	others (specify)					

[12] comments by inspector

NATIONAL SAMPLE SURVEY REPORTS ALREADY PUBLISHED

- No. 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 Employment (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, 1949-50
- 12 A Technical Note on Age Grouping
- 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 Round : April 1952-March 1954)
- 15 Report on Sample Survey of Manufacturing Industries, 1951
- 16 Report on Employment and Unemployment (Ninth Round : Preliminary, May-November 1955)
- 17 Report on Sample Survey of Employment in Calcutta (September 1953)
- 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 Round : April 1951-March 1954)
- 21 Household Small Scale Manufacturing Establishments (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 Round : October 1953-September 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)
- 28 Report on Sample Survey of Manufacturing Industries, 1954(1)
- 29 Notes on Some Results of the Land Utilisation Survey (Tenth Round : December 1955-May 1956)
- 30 Report on Land Holdings (2) : Operational Holdings in Rural India (Eighth Round : July 1954-April 1955)
- 31 Tables with Notes on Household Transport Operations (Eighth to Tenth Round : July 1954-May 1956)
- 32(I) Some Aspects of Costs of Cultivation of Paddy, Wheat, Jowar and Bajra (Fifth to Seventh Round : October 1952-March 1954)

NATIONAL SAMPLE SURVEY REPORTS ALREADY PUBLISHED

- No. 32(II) Some Aspects of Costs of Cultivation of Barley, Maize, Ragi, Gram, Small Millets, Groundnut, Cotton and Jute (Fifth to Seventh Round : October 1952-March 1954)
- 32(III) Some Aspects of Costs of Cultivation of Minor Cereals, Pulses, Sugarcane, Oil Seeds, Potato, Spices and Tobacco (Fifth to Seventh Round : October 1952-March 1954)
- 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)
- 34 Tables with Notes on Employment and Unemployment (Tenth Round : December 1955-May 1956)
- 35 Tables with Notes on Livestock Products (Fifth to Seventh Round : 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 Reader's Preference in India (Thirteenth Round: September 1957-May 1958)
- 38 Some Results of the Land Utilisation Survey and Crop-cutting Experiments: (Thirteenth Round : September 1957-May 1958)
- 39 Tables with Notes on Consumer Expenditure (Eighth Round : July 1954-March 1955)
- 40 Tables with Notes on Consumer Expenditure (Ninth Round : May-November 1955)
- 41 Household Retail Trade (Tenth Round : December 1955-May 1956)
- 42 Report on Small Scale Manufacture: Household Enterprises smaller than Registered Factories (Seventh to Eighth Round : October 1953-April 1955)
- 43 Tables with Notes on Small Scale Manufacture: Household Enterprises smaller than Registered Factories (Ninth and Tenth Rounds : May 1955-May 1956)
- 44 A Note on Profession and Services (Fourth to Eighth Round : April 1952-April 1955)
- 45 Report on Indian Villages : A Study of Some Social and Economic Aspects (Tenth to Twelfth Round : December 1955-August 1957)
- 46 Tables with Notes on Consumer Expenditure of Agricultural Labour Households in Rural Areas (Eleventh and Twelfth Rounds : August 1956-August 1957)
- 47 Tables with Notes on Consumer Expenditure (Tenth Round : December 1955-May 1956)
- 48 Preliminary Estimates of Birth and Death Rates and of the Rate of Growth of Population (Fourteenth Round : July 1958-July 1959)
- 49 Report On Morbidity (Thirteenth Round : September 1957-May 1958)
- 50 Tables with Notes on Housing Condition (Tenth Round : December 1955-May 1956)
- 51 Tables with Notes on Housing Condition (Eleventh Round : August 1956-January 1957)
- 52 Tables with Notes on Employment and Unemployment (Eleventh and Twelfth Rounds : August 1956-August 1957)
- 53 Tables with Notes on Internal Migration (Ninth, Eleventh, Twelfth and Thirteenth Rounds : May 1955-May 1958)
- 54 Vital Rates (Seventh Round : October 1953-March 1954)
- 55 Report on Sample Survey of Manufacturing Industries, 1954(2) : Exploratory Survey of Scheduled Industries

NATIONAL SAMPLE SURVEY REPORTS ALREADY PUBLISHED

- No. 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 Area, 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 Report on Employment and Unemployment (Ninth Round: Supplementary: 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 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 Round, 1951—1953)

NATIONAL SAMPLE SURVEY REPORTS ALREADY PUBLISHED

- No. 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
- 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 : 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 Survey of Scheduled Industries, 1958 : Sample Survey of Manufacturing Industries, 1958
- 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 (Fourteenth Round, July 1958—June 1959)
- 95 Tables with Notes on Household Indebtedness (Sixteenth Round, July 1960—June 1961)
- 96 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—August 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 Utilization of Working Animals : Fifteenth Round, July 1959—June 1960 [In the Press]
- 106 Tables with Notes on Land Utilization Survey and Crop-Cutting Experiments : Seventeenth Round, July 1961—June 1962 [In the Press]
- 107 Tables with Notes on Consumer Expenditure : Eleventh and Twelfth Round, 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