



SURVEY ON INFANT & CHILD MORTALITY, 1979

A PRELIMINARY REPORT

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OFFICE OF THE REGISTRAR GENERAL, INDIA
MINISTRY OF HOME AFFAIRS

NEW DELHI



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P R E F A C E

Children constitute around forty per cent of the total population in India and this is true in most of the developing countries too. The needs of children have therefore to be given due consideration while formulating plans for socio-economic development in the country. The National Policy for children suggests a series of measures to provide adequate services to children both before and after birth and through the period of growth, to ensure their full physical, mental and social development. Statistics on children have thus become the basic requisites for such planning.

India has a long tradition of collection of statistics, but the current availability of statistics on children is however far from satisfactory. Very little information relating to children is available on several of the current issues such as infant and child mortality, and their differentials, child care and child health services. In view of the growing concern for social well being and improving the quality of life of the children, various types of statistics and sensitive indicators are in great demand.

The year 1979 was declared as the 'International Year of the Child' and a large number of activities and programmes promoting the welfare of the children were carried out. The office of the Registrar General, India conducted a comprehensive survey on Infant and Child Mortality to provide a benchmark information on various facets of children. The survey was conducted in 1979 in about 3700 units of the Sample Registration System (SRS) along with the regular SRS half-yearly survey. This report contains the results of the advance tabulation of a 25 per cent sub-sample of SRS households covering information on health and child care of children, fertility, mortality differentials and general population characteristics to which children belong.

SRS is a Centre-State venture and this survey would not have been possible without the active involvement of the various state implementing agencies for whom my thanks are due. I am also thankful to the Department of Social Welfare for their co-operation and the UNICEF for financial assistance for carrying out the survey. I wish to place on record the hard work put in by the staff and officers of the State Directorates of the Census Operations, the Data Processing Division and the Analytical and Evaluation Unit of the Vital Statistics Division. I am also thankful to the Regional Computer Centre, Chandigarh for generating some of the tables well in time. In particular, I would like to thank Shri R.B. Lal, the then Deputy Registrar General, Shri V.S. Swamy, Assistant Registrar General (VS) and Shri S.K. Sinha, Senior Research Officer, who are associated with this project.

New Delhi
May 1, 1980

P. PADMANABHA
Registrar General, India

APPENDIX
DETAILED TABLES

TABLE 1

Per cent distribution of population by broad age group and by sex

Sex	Year	Age Group											
		0-14			15-59			60 & above			All ages		
		Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Male	1971 Census	42.99	37.53	41.86	50.75	57.74	52.20	6.26	4.73	5.94	100.00	100.00	100.00
	1976 SRS	40.89	35.85	39.52	54.16	59.56	55.73	4.95	4.61	4.85	100.00	100.00	100.00
	1978 Survey	39.55	35.74	38.85	55.03	59.66	55.89	5.42	4.60	5.26	100.00	100.00	100.00
Female	1971 Census	42.52	40.77	42.19	51.31	53.97	51.82	6.17	5.26	5.99	100.00	100.00	100.00
	1976 SRS	39.85	37.15	39.66	54.44	57.55	55.01	5.71	5.30	5.53	100.00	100.00	100.00
	1978 Survey	38.62	37.04	38.34	55.45	57.59	55.83	5.93	5.37	5.83	100.00	100.00	100.00
Person	1971 Census	42.76	39.03	42.02	51.03	56.00	52.01	6.21	4.97	5.97	100.00	100.00	100.00
	1976 SRS	40.29	36.46	39.58	54.50	58.60	55.18	5.21	4.94	5.24	100.00	100.00	100.00
	1978 Survey	39.10	36.44	38.60	55.23	58.60	55.86	5.67	4.96	5.54	100.00	100.00	100.00

TABLE 2

Per cent distribution of workers by occupation, 1978

Occupation (Division code)	Total workers			Male workers			Female workers		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	2	3	4	5	6	7	8	9	10
All Workers	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0 & 1	1.74	7.46	2.61	1.93	6.49	2.71	1.16	14.04	2.26
2	0.19	2.02	0.48	0.23	2.24	0.58	0.10	0.64	0.14
3	1.38	11.93	2.98	1.78	12.82	3.67	0.18	5.90	0.67
4	3.06	19.57	5.56	3.72	21.36	6.73	1.10	7.48	1.64
5	2.77	9.06	3.72	2.70	8.12	3.63	2.98	15.36	4.04
6	79.53	10.91	69.14	77.57	9.32	65.89	85.51	21.68	80.06
7, 8 & 9	11.24	38.70	15.39	11.99	39.30	16.66	8.94	34.59	11.12
X	0.09	0.35	0.11	0.08	0.36	0.13	0.04	0.31	0.07

Occupation codes

- 0 & 1—Professional, technical & related workers.
 2—Administrative, executive & managerial workers.
 3—Clerical and related workers.
 4—Sales workers.
 5—Service workers.

- 6—Farmers, fishermen, hunters, loggers & related workers.
 7, 8 & 9—Production & related workers, transport equipment operators and labourers.
 X—Workers not classified by occupations.

TABLE 3

Per cent distribution of workers by occupation, census 1971

Occupation (Division Code)	Total workers			Male workers			Female workers		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	2	3	4	5	6	7	8	9	10
All Workers	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0 & 1	1.77	7.27	2.75	1.90	6.19	2.72	1.22	16.65	2.86
2	0.57	2.61	0.94	0.70	2.87	1.12	0.04	0.37	0.08
3	1.07	11.45	2.91	1.28	12.15	3.37	0.12	5.37	0.68
4	1.96	14.40	4.17	2.22	15.32	4.74	0.86	6.50	1.45
5	1.88	10.05	3.33	1.94	9.39	3.37	1.64	15.68	3.13
6	84.94	12.86	72.15	83.84	11.59	69.95	89.66	23.81	82.66
7, 8 & 9	7.63	39.74	13.32	7.93	40.77	14.25	6.32	30.85	8.93
X	0.18	1.62	0.43	0.19	1.72	0.48	0.14	0.77	0.21

TABLE 4

Participation rates by broad age groups, 1971 Census & 1978 Survey

Age Group	Year	Rural			Urban			Total		
		Male	Female	Person	Male	Female	Person	Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11
0-14	1971 Census	7.52	2.96	5.31	2.76	0.82	1.82	6.64	2.57	4.67
	1978 Survey	4.55	3.48	4.04	2.11	0.99	1.56	4.13	3.05	3.61
15-49	1971 Census	88.58	21.85	55.71	77.16	10.84	47.56	85.90	19.62	53.92
	1978 Survey	87.46	29.52	59.18	77.46	12.17	46.62	85.47	26.24	56.74
15-59	1971 Census	89.46	21.73	56.30	78.24	11.01	48.32	86.89	19.60	54.59
	1978 Survey	88.56	29.84	59.95	78.51	12.53	47.45	86.58	26.61	57.56
60 & above	1971 Census	77.26	11.30	45.38	55.35	6.42	31.49	73.65	10.48	43.07
	1978 Survey	75.66	18.78	46.77	51.77	8.32	29.23	71.83	17.04	43.91
All Ages	1971 Census	53.47	13.10	33.82	48.82	6.61	29.33	52.51	11.87	32.93
	1978 Survey	54.63	19.00	37.34	49.98	8.03	29.86	53.78	17.02	35.98

TABLE 5

Per cent distribution of sample households by type of house and by per capita monthly household expenditure groups, 1978

Per capita monthly expenditure (Rupees)	Type of house (Code)								All classes
	1	2	3	4	5	6	7	8	
1	2	3	4	5	6	7	8	9	10
RURAL									
30 & below	3.85	0.96	0.42	0.10	0.27	0.32	...	0.01	5.93
31-40	7.38	2.41	0.79	0.25	0.78	0.92	0.02	0.03	12.58
41-50	10.76	4.09	1.32	0.45	1.75	2.03	0.03	0.07	20.50
51-75	17.77	5.80	2.51	0.98	4.37	4.93	0.07	0.10	36.53
76-100	6.28	1.73	1.15	0.51	1.91	2.92	0.05	0.03	14.58
101-150	2.80	0.64	0.60	0.30	0.90	1.95	0.02	0.02	7.23
151 & over	0.68	0.26	0.22	0.16	0.32	1.00	0.01	...	2.65
All classes	49.53	15.88	7.03	2.74	10.30	14.07	0.20	0.25	100.00
URBAN									
30 & below	0.99	0.43	0.21	0.23	0.23	2.71	0.06	0.06	4.92
31-40	1.62	0.37	0.43	0.32	0.40	1.29	0.06	0.02	4.51
41-50	2.92	0.70	0.90	0.69	0.99	3.13	0.08	0.04	9.45
51-75	6.80	2.04	2.33	2.19	2.62	12.32	0.18	0.15	28.63
76-100	3.62	1.26	1.27	1.66	1.57	11.87	0.08	0.07	21.40
101-150	1.89	0.82	0.72	1.08	0.97	12.63	0.10	0.04	18.25
151 & over	0.65	0.41	0.19	0.40	0.35	10.75	0.06	0.03	12.84
All classes	18.49	6.03	6.04	6.57	7.14	54.68	0.63	0.42	100.00
TOTAL									
30 & below	3.05	0.82	0.36	0.13	0.26	0.98	0.02	0.03	5.65
31-40	5.77	1.84	0.69	0.27	0.67	1.02	0.02	0.03	10.31
41-50	8.56	3.15	1.20	0.52	1.54	2.34	0.04	0.06	17.41
51-75	14.70	4.75	2.46	1.32	3.88	7.00	0.10	0.11	34.32
76-100	5.53	1.60	1.18	0.83	1.82	5.43	0.06	0.04	16.49
101-150	2.54	0.69	0.63	0.52	0.93	4.94	0.05	0.02	10.32
151 & over	0.68	0.30	0.20	0.23	0.33	3.73	0.02	0.01	5.50
All classes	40.84	13.12	6.74	3.81	9.41	25.44	0.32	0.32	100.00

Note: Codes for type of house are as follows :-

1 : K(W)+K(R)+K(F)

4 : P(W)+K(R)+P(F)

7 : K(W)+P(R)+P(F)

2 : K(W)+P(R)+K(F)

5 : P(W)+P(R)+K(F)

8 : K(W)+K(R)+P(F)

3 : P(W)+K(R)+K(F)

6 : P(W)+P(R)+P(F)

Where, W : Wall; R : Roof; F : Floor; K : Kutcha; and P : Pucca.

TABLE 6

Per cent distribution of estimated population by type of house and by per capita monthly expenditure groups, 1978

Per capita monthly expenditure (Rupees)	Type of house (Code)								All classes
	1	2	3	4	5	6	7	8	
1	2	3	4	5	6	7	8	9	10
RURAL									
30 & below	5.76	1.87	0.66	0.11	0.53	0.39	0.00	0.01	9.33
31-40	11.27	3.65	1.51	0.26	1.31	1.10	0.01	0.02	19.13
41-50	12.49	4.95	1.77	0.49	2.21	1.95	0.03	0.05	23.94
51-75	16.58	6.00	2.49	1.12	4.25	3.91	0.06	0.05	34.46
76-100	3.75	1.18	0.74	0.52	1.31	1.75	0.02	0.02	9.29
101-150	1.17	0.24	0.29	0.10	0.43	0.88	0.01	0.01	3.13
151 & over	0.18	0.05	0.07	0.04	0.09	0.28	0.01	0.00	0.72
All classes	51.20	17.94	7.53	2.64	10.13	10.26	0.14	0.16	100.00
URBAN									
30 & below	1.22	0.60	0.29	0.30	0.46	4.46	0.14	0.04	7.51
31-40	2.14	0.47	0.71	0.58	0.73	2.31	0.08	0.02	7.04
41-50	3.65	0.74	1.28	1.08	1.47	4.49	0.08	0.04	12.83
51-75	6.01	1.74	2.56	2.82	3.21	16.01	0.16	0.12	32.63
76-100	2.11	0.70	0.97	1.67	1.35	12.45	0.05	0.04	19.34
101-150	0.75	0.27	0.38	0.67	0.56	10.87	0.06	0.03	13.59
151 & over	0.18	0.05	0.06	0.17	0.13	6.46	0.01	0.00	7.06
All classes	16.06	4.57	6.25	7.29	7.91	57.05	0.58	0.29	100.00
TOTAL									
30 & below	4.93	1.63	0.59	0.14	0.52	1.14	0.04	0.04	9.00
31-40	9.60	3.07	1.37	0.32	1.20	1.32	0.02	0.02	16.92
41-50	10.87	4.19	1.68	0.60	2.08	2.41	0.04	0.05	21.92
51-75	14.65	5.22	2.51	1.43	4.06	6.12	0.08	0.06	34.13
76-100	3.45	1.09	0.78	0.73	1.32	3.70	0.03	0.02	11.12
101-150	1.09	0.25	0.30	0.20	0.45	2.69	0.02	0.01	5.04
151 & over	0.18	0.05	0.07	0.06	0.10	1.41	0.00	0.00	1.87
All classes	44.78	15.50	7.30	3.48	9.73	18.80	0.23	0.18	100.00

Note :—Codes for type of house are as follows :—

1 : K(W)+K(R)+K(F)

2 : K(W)+P(R)+K(F)

3 : P(W)+K(R)+K(F)

4 : P(W)+K(R)+P(F)

5 : P(W)+P(R)+K(F)

6 : P(W)+P(R)+P(F)

7 : K(W)+P(R)+P(F)

8 : K(W)+K(R)+P(F)

Where, W : Wall; R : Roof; F : Floor; K : Kutcha; and P : Pucca

TABLE 7

Per cent distribution of sample households by number of rooms occupied and by per capita monthly household expenditure groups, 1978

Per capita monthly expenditure (Rupees)	Number of rooms occupied				All classes
	1 room	2 rooms	3 rooms	4 rooms or more	
1	2	3	4	5	6
RURAL					
30 & below	2.53	1.94	0.88	0.58	5.93
31—40	5.06	4.42	1.86	1.24	12.58
41—50	8.27	7.24	2.94	2.05	20.50
51—75	13.68	12.72	5.66	4.47	36.53
76—100	5.64	4.66	2.22	2.06	14.58
101—150	2.82	2.13	1.09	1.19	7.23
151 & over	0.97	0.71	0.38	0.59	2.65
All classes	38.97	33.82	15.03	12.18	100.00
URBAN					
30 & below	2.66	1.39	0.51	0.36	4.92
31—40	1.79	1.58	0.68	0.46	4.51
41—50	3.89	3.21	1.31	1.04	9.45
51—75	10.55	9.85	4.30	3.93	28.63
76—100	8.02	7.24	3.00	3.14	21.40
101—150	6.67	6.15	2.56	2.87	18.25
151 & over	4.23	4.06	2.20	2.35	12.84
All classes	37.81	33.48	14.56	14.15	100.00
TOTAL					
30 & below	2.57	1.78	0.78	0.52	5.65
31—40	4.14	3.63	1.53	1.02	10.31
41—50	7.04	6.12	2.48	1.77	17.41
51—75	12.80	11.92	5.28	4.32	34.32
76—100	6.30	5.38	2.45	2.36	16.49
101—150	3.90	3.26	1.50	1.66	10.32
151 & over	1.89	1.65	0.88	1.08	5.50
All classes	38.65	33.72	14.90	12.73	100.00

TABLE 8

Per cent distribution of estimated population by number of rooms occupied and by per capita monthly household expenditure groups, 1978

Per capita monthly expenditure (Rupees)	Number of rooms occupied				All classes
	1 room	2 rooms	3 rooms	4 rooms or more	
1	2	3	4	5	6
RURAL					
30 & below	2.76	3.21	1.72	1.64	9.33
31-40	5.52	6.70	3.42	3.49	19.13
41-50	7.20	8.17	4.17	4.40	23.94
51-75	10.09	11.80	6.04	6.53	34.46
76-100	2.82	2.99	1.52	1.96	9.29
101-150	0.90	0.96	0.50	0.78	3.14
151 & over	0.16	0.18	0.13	0.24	0.71
All classes	29.45	34.02	17.50	19.03	100.00
URBAN					
30 & below	3.33	2.35	0.88	0.95	7.51
31-40	2.60	2.36	1.14	0.92	7.03
41-50	4.74	4.38	1.89	1.83	12.84
51-75	11.08	11.44	4.97	5.14	32.63
76-100	6.48	6.62	2.93	1.82	19.34
101-150	3.88	4.79	2.21	1.72	13.59
151 & over	1.46	2.39	1.45	1.75	7.06
All classes	33.56	34.33	15.47	16.64	100.00
TOTAL					
30 & below	2.86	3.05	1.57	1.51	9.00
31-40	4.99	5.91	3.00	3.02	16.92
41-50	6.75	7.49	3.75	3.93	21.92
51-75	10.27	11.73	5.85	6.28	34.13
76-100	3.49	3.65	1.78	2.20	11.12
101-150	1.44	1.66	0.81	1.13	5.04
151 & over	0.40	0.58	0.37	0.52	1.87
All classes	30.20	34.08	17.13	18.59	100.00

TABLE 10

Per cent distribution of sample households by per capita monthly expenditure and source of lighting, 1978

Per capita monthly expenditure (Rupees)	Source of Lighting					All classes
	Electric light	Oil lamp	Lantern	Others	Not stated	
1	2	3	4	5	6	7
RURAL						
30 & below	0.40	1.32	3.92	0.23	0.06	5.93
31—40	1.06	3.69	7.42	0.35	0.06	12.58
41—50	2.48	5.46	12.04	0.43	0.09	20.50
51—75	6.38	8.01	21.27	0.78	0.09	36.53
76—100	4.01	2.59	7.61	0.35	0.02	14.58
101—150	2.67	1.26	3.19	0.11	0.00	7.23
151 & over	1.36	0.40	0.86	0.03	0.00	2.65
All classes	18.36	22.73	56.31	2.28	0.32	100.00
URBAN						
30 & below	2.02	0.61	2.23	0.06	0.00	4.92
31—40	1.56	0.93	1.95	0.07	0.00	4.51
41—50	3.98	1.63	3.75	0.09	0.00	9.45
51—75	16.49	3.46	8.45	0.21	0.02	28.63
76—100	15.39	1.53	4.34	0.13	0.01	21.40
101—150	14.89	0.94	2.31	0.11	0.00	18.25
151 & over	11.76	0.35	0.66	0.07	0.00	12.84
All classes	66.10	9.44	23.69	0.73	0.04	100.00
TOTAL						
30 & below	0.85	1.12	3.45	0.19	0.04	5.65
31—40	1.20	2.92	5.88	0.27	0.04	10.31
41—50	2.90	4.38	9.72	0.34	0.07	17.41
51—75	9.22	6.73	17.68	0.62	0.07	34.32
76—100	7.20	2.30	6.69	0.29	0.01	16.49
101—150	6.09	1.17	2.94	0.12	0.00	10.32
151 & over	4.28	0.38	0.80	0.04	0.00	5.50
All classes	31.73	19.01	47.17	1.85	0.24	100.00

TABLE 11

Per cent distribution of estimated population by per capita monthly household expenditure groups and source of lighting, 1978

Per capita monthly expenditure (Rupees)	Source of lighting					All Classes
	Electric light	Oil lamp	Lantern	Others	Not stated	
1	2	3	4	5	6	7
RURAL						
30 & below	0.44	2.67	5.85	0.32	0.05	9.33
31-40	1.06	6.19	11.37	0.47	0.04	19.13
41-50	2.05	7.08	14.35	0.41	0.05	23.94
51-75	4.47	8.21	21.17	0.49	0.12	34.46
76-100	2.14	1.69	5.28	0.16	0.02	9.29
101-150	1.05	0.48	1.58	0.03	0.00	3.14
151 & over	0.34	0.07	0.27	0.02	0.00	0.71
All classes	11.55	26.39	59.88	1.90	0.28	100.00
URBAN						
30 & below	3.33	0.75	3.35	0.07	0.01	7.51
31-40	2.94	1.22	2.82	0.06	0.00	7.04
41-50	6.23	1.90	4.60	0.10	0.00	12.83
51-75	21.18	2.89	8.36	0.18	0.01	32.63
76-100	15.30	0.81	3.13	0.10	0.00	19.34
101-150	12.07	0.30	1.14	0.08	0.00	13.59
151 & over	6.78	0.06	0.17	0.04	0.01	7.06
All classes	67.83	7.93	23.58	0.63	0.03	100.00
TOTAL						
30 & below	0.98	2.32	5.39	0.28	0.03	9.00
31-40	1.40	5.28	9.81	0.39	0.04	16.92
41-50	2.81	6.14	12.57	0.36	0.55	21.92
51-75	7.52	7.24	18.83	0.43	0.04	34.13
76-100	4.54	1.53	4.89	0.14	0.02	11.12
101-150	3.05	0.45	1.50	0.04	0.00	5.04
151 & over	1.52	0.07	0.26	0.02	0.00	1.87
All classes	21.82	23.03	53.25	1.66	0.24	100.00

TABLE 12

Per cent children attending school by single year age and Sex, 1978

Age (years)	Rural		Urban	
	Male	Female	Male	Female
1	2	3	4	5
4	10.97	7.85	26.27	23.75
5	28.41	22.24	51.71	49.31
6	42.50	31.37	71.75	67.75
7	55.90	40.26	83.55	76.32
8	63.82	43.93	86.05	80.55
9	67.20	44.64	87.79	80.09
10	68.74	43.29	86.96	80.26
11	66.94	40.83	86.43	77.25
12	65.33	37.45	84.15	73.93
13	61.69	31.58	81.33	72.28
14	55.52	27.02	77.25	65.94

TABLE 13

Per cent children attending school by single year age, sex and religion, 1978

Age (years)	MALE					FEMALE				
	Hindu	Muslim	Christian	Sikh	All classes	Hindu	Muslim	Christian	Sikh	All classes
1	2	3	4	5	6	7	8	9	10	11
RURAL										
4	11.14	8.18	13.59	15.19	10.97	7.70	7.07	17.14	9.89	7.85
5	27.98	25.69	50.57	41.97	28.41	21.01	22.72	43.10	42.13	22.24
6	41.83	37.62	69.89	56.23	42.50	30.84	26.83	52.79	59.84	31.37
7	56.23	46.35	71.22	75.01	55.90	39.87	32.98	66.61	75.62	40.26
8	63.72	57.71	80.28	74.41	63.82	43.50	35.67	68.91	71.68	43.93
9	51.82	46.51	69.67	67.18	67.20	43.74	38.16	72.46	73.11	44.64
10	68.70	64.04	75.60	82.99	68.74	42.48	37.60	70.52	70.20	43.29
11	67.30	59.81	75.68	74.72	66.94	39.75	36.92	72.56	68.36	40.83
12	65.16	63.16	68.61	72.74	65.33	36.57	35.15	66.05	54.63	37.45
13	61.95	54.69	67.92	68.65	61.69	30.48	26.71	64.19	60.92	31.58
14	58.18	52.39	70.35	64.69	55.52	25.76	22.08	67.49	50.60	27.02
URBAN										
4	28.53	16.09	17.71	43.33	26.27	25.35	14.95	24.81	43.39	23.75
5	54.72	37.87	75.78	58.54	51.71	52.50	40.86	63.85	61.97	49.31
6	74.46	58.13	89.73	82.70	71.75	70.97	53.66	74.05	84.15	67.75
7	85.39	73.20	93.00	91.63	83.55	79.13	60.02	96.25	90.42	76.32
8	87.21	78.06	98.49	97.28	86.05	82.23	70.72	88.84	92.03	80.55
9	90.01	75.90	98.84	92.80	87.79	83.07	65.88	94.54	89.59	80.09
10	89.03	76.57	95.23	91.65	86.96	81.88	71.17	87.58	87.53	80.26
11	88.65	76.50	89.99	91.55	86.43	80.20	62.20	97.23	86.76	77.25
12	86.56	72.29	92.68	83.97	84.15	76.40	61.00	91.10	90.73	73.93
13	82.60	73.30	94.71	78.84	81.33	75.56	57.03	77.08	78.72	72.28
14	79.56	66.06	78.73	82.82	77.25	68.69	49.37	83.04	80.80	65.94

TABLE 14

Per cent children attending school by single year age, sex and scheduled caste/tribe, 1978

Age (years)	Scheduled caste		Scheduled tribe		Non-scheduled caste/tribe		All classes	
	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9
RURAL								
4	7.80	5.23	8.39	6.95	11.88	8.53	10.97	7.85
5	18.81	12.61	22.23	15.01	31.18	25.23	28.41	22.24
6	30.55	22.58	23.27	18.08	47.84	34.76	42.50	31.37
7	40.89	28.29	39.53	23.28	60.96	44.65	55.90	40.26
8	52.70	30.63	46.44	28.24	68.39	48.84	63.82	43.93
9	54.15	32.62	52.53	27.94	71.84	49.59	67.20	44.64
10	54.86	28.22	53.90	26.93	73.44	48.91	68.75	43.29
11	53.90	22.82	50.34	25.23	71.88	46.33	66.94	40.83
12	50.56	23.73	51.35	19.05	70.58	42.87	65.33	37.45
13	44.41	17.34	50.04	22.07	66.60	35.81	61.69	31.58
14	38.95	15.31	36.34	17.38	61.93	30.64	55.52	27.02
URBAN								
4	19.83	16.97	11.63	14.37	27.14	24.85	26.27	23.75
5	38.64	28.83	31.64	32.90	53.69	51.82	51.71	49.31
6	57.33	48.47	61.53	48.98	73.44	70.21	71.75	67.75
7	71.69	61.75	45.53	63.91	85.23	78.28	83.55	76.32
8	71.08	63.16	60.76	54.16	87.97	82.77	86.05	80.55
9	79.64	59.95	72.74	77.54	88.91	82.23	87.79	80.09
10	78.55	64.56	61.30	48.55	88.07	82.50	86.96	80.26
11	77.01	57.53	69.87	37.08	87.69	80.01	86.43	77.25
12	76.27	50.74	85.00	48.60	85.01	76.65	84.15	73.93
13	63.58	48.95	72.42	42.08	83.42	75.41	81.33	72.28
14	64.49	38.61	49.41	39.55	79.14	68.82	77.25	65.94

TABLE 15

Per cent distribution of workers among children (below 15 years) by occupation, 1978

Occupation Division code	RURAL			URBAN			TOTAL		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
1	2	3	4	5	6	7	8	9	10
All workers	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
0 & 1	0.46	0.93	0.65	0.97	9.36	3.58	0.50	1.41	0.87
2	0.14	0.86	0.44	0.74	1.07	0.85	0.19	0.87	0.47
3	0.16	0.06	0.12	1.04	0.42	0.85	0.23	0.09	0.17
4	1.78	0.62	1.30	17.68	4.16	13.48	3.16	0.83	2.21
5	4.38	4.21	4.31	13.42	24.43	16.84	5.16	5.36	5.24
6	81.97	83.66	82.67	15.45	18.36	16.35	76.23	79.94	77.74
7, 8 & 9	10.99	9.66	10.44	50.38	42.20	47.83	14.39	11.50	13.22
X	0.12	0.00	0.07	0.32	0.00	0.22	0.14	0.00	0.08

0 & 1 : Professional, technical & related workers

2 : Administrative, executive & managerial workers.

3 : Clerical and related workers.

4 : Sales workers.

5 : Service workers.

6 : Farmers, fishermen, hunters, loggers and related workers.

7, 8 & 9 : Production and related workers, transport equipment operators and labourers.

X : Workers not classified by occupation.

TABLE 16

Age specific fertility and marital fertility rates by religion, 1978

Religion	Age Group						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1	2	3	4	5	6	7	8
RURAL							
Age specific fertility rate							
Hindu	75.36	234.12	230.50	164.39	114.60	50.74	23.20
Muslim	77.15	230.47	243.29	211.78	133.40	73.28	36.20
Christian	43.52	145.19	226.16	145.32	95.29	37.02	6.79
Sikh	27.40	186.54	205.81	170.10	106.53	33.04	30.60
Age specific marital fertility rate							
Hindu	178.44	276.01	243.44	173.83	124.80	58.60	29.42
Muslim	191.16	269.88	255.73	222.32	142.86	83.61	46.22
Christian	247.50	248.99	268.14	159.25	104.81	41.46	8.37
Sikh	251.22	326.74	228.23	174.64	109.42	35.00	33.02
URBAN							
Age specific fertility rate							
Hindu	42.73	189.67	184.06	111.91	62.66	21.49	6.33
Muslim	45.11	194.94	212.40	179.56	107.28	40.25	8.85
Christian	38.66	121.52	117.81	58.98	58.81	15.47	6.16
Sikh	18.49	155.07	222.48	145.16	49.63	26.00	4.59
Age specific marital fertility rate							
Hindu	187.68	279.25	206.62	119.22	68.35	25.3	8.21
Muslim	193.36	276.21	241.37	189.34	118.44	47.11	11.41
Christian	410.96	236.85	155.72	66.37	65.23	18.85	7.75
Sikh	307.49	291.18	251.24	153.03	50.33	28.13	4.98

TABLE 17

Age specific fertility and marital fertility rates by scheduled caste/tribe, 1978

Scheduled Caste/Tribe	Age Group						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1	2	3	4	5	6	7	8
RURAL							
Age specific marital fertility rate							
Scheduled Caste	84.91	224.34	246.39	161.63	133.90	58.92	24.19
Scheduled Tribe	91.27	211.89	220.45	158.05	99.90	38.13	4.40
Non-Scheduled Caste/Tribe	68.80	232.88	228.29	170.24	113.89	52.51	25.82
Age specific fertility rate							
Scheduled Caste	172.16	253.76	257.46	169.64	145.13	68.30	30.63
Scheduled Tribe	255.61	263.96	238.28	167.88	108.85	43.30	5.61
Non-Scheduled Caste/Tribe	172.86	281.25	241.95	180.21	123.28	60.50	32.67
URBAN							
Age specific fertility rate							
Scheduled Caste	65.32	252.50	205.42	136.54	88.73	44.06	11.71
Scheduled Tribe	66.94	198.65	197.50	116.58	130.27	22.26	...
Non-Scheduled Caste/Tribe	39.28	182.20	184.88	119.94	66.75	22.55	6.07
Age specific marital fertility rate							
Scheduled Caste	181.12	309.22	229.85	145.32	97.05	51.81	15.12
Scheduled Tribe	271.76	294.82	219.98	129.69	140.01	27.74	...
Non-Scheduled Caste/Tribe	190.04	275.01	209.06	127.64	72.90	26.23	7.83

TABLE 18

Age-specific fertility and marital fertility rates by educational level of the women, 1978

Educational level of the women	Age Group						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1	2	3	4	5	6	7	8
RURAL							
Age specific fertility rates							
Illiterate	90.99	243.93	237.36	175.93	119.88	54.67	23.55
Literate but below primary	52.13	222.69	119.40	127.76	98.90	29.74	27.65
Primary	26.83	180.22	252.45	130.07	63.57	15.80	1.36
Matric and above	26.36	88.86	143.29	94.18	46.64	51.11	26.13
Literates	39.59	191.30	206.38	126.18	87.73	27.67	21.20
Age specific marital fertility rates							
Illiterate	180.11	272.23	247.48	185.59	129.91	62.86	29.92
Literate but below primary	178.92	286.13	207.67	135.73	106.86	35.04	39.25
Primary	181.02	291.60	284.23	138.48	69.19	17.86	1.64
Matric and above	228.41	249.25	201.64	111.47	47.94	56.84	30.11
Literates	181.36	285.43	231.44	135.03	94.92	32.47	31.93
Age specific fertility rate							
Illiterate	80.59	236.72	216.71	159.05	92.99	35.84	7.87
Literate but below Primary	59.65	231.49	191.94	117.16	64.02	13.46	7.37
Primary	23.94	191.29	165.39	97.31	36.27	5.95	2.69
Matric and above	14.69	102.22	153.75	57.57	26.67	9.13	0.24
Literates	29.86	167.09	169.56	93.04	46.18	10.12	4.73
URBAN							
Age specific marital fertility rate							
Illiterate	117.42	275.57	231.55	168.33	103.33	42.64	10.66
Literate but below primary	203.99	285.56	205.74	124.30	69.03	15.35	9.11
Primary	199.87	290.05	187.05	102.07	38.42	6.82	3.13
Matric and above	184.62	252.82	202.35	63.81	29.03	10.10	0.29
Literates	201.62	280.70	198.05	99.53	49.58	11.50	5.71

TABLE 19

Age specific marital fertility rates by age at marriage, 1978

Age at marriage (years)	Age Group						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1	2	3	4	5	6	7	8
RURAL							
Below 18	190.39	296.11	237.57	169.10	115.64	55.36	26.45
18-20	85.22	250.63	251.94	188.81	142.69	66.67	32.94
21-23	...	208.44	267.10	217.88	161.55	71.44	77.43
24 & over	...	4.83	239.12	200.89	128.88	81.83	15.43
URBAN							
Below 18	211.19	286.55	196.05	126.72	72.75	29.35	10.03
18-20	71.64	279.08	216.26	133.42	84.04	25.94	6.53
21-23	...	240.06	246.28	135.94	68.00	32.73	8.26
24 & over	...	...	227.96	122.71	74.90	29.24	0.52

TABLE 20

Age specific fertility & marital fertility rates by occupation, 1978

Occupation of women (Division Code)	Age Group						
	15-19	20-24	25-29	30-34	35-39	40-44	45-49
1	2	3	4	5	6	7	8
RURAL							
Age specific fertility rate							
5	17.26	166.08	136.12	162.69	55.31	20.19	...
6	76.89	215.53	212.21	138.47	103.66	44.05	11.97
7, 8 & 9	44.22	171.86	182.35	80.95	79.36	25.58	10.62
Total workers	71.24	207.85	204.18	133.45	98.90	41.19	11.43
Non-workers	74.28	237.32	240.75	183.91	124.73	58.11	30.33
Age specific marital fertility rate							
5	66.30	258.25	166.09	197.56	70.82	26.69	...
6	172.40	259.43	229.33	151.68	120.46	55.83	17.40
7, 8 & 9	130.58	258.21	225.14	93.33	103.88	35.57	17.22
Total workers	166.65	258.88	225.67	147.65	116.47	52.79	16.85
Non-workers	184.84	280.53	250.85	190.39	129.50	63.25	35.69
URBAN							
Age specific fertility rate							
5	50.54	133.04	130.35	121.94	56.63	28.16	7.97
6	61.68	182.48	141.30	126.61	74.41	23.75	3.65
7, 8 & 9	46.39	130.46	134.09	86.71	57.48	30.72	12.17
Total workers	49.28	126.90	116.26	93.36	51.38	22.14	7.09
Non-workers	194.47	196.95	126.32	73.02	24.81	6.48	0.85
Age specific marital fertility rate							
5	234.82	314.96	159.42	146.71	88.84	58.36	17.60
6	167.02	248.61	174.12	155.92	90.46	3.76	6.11
7, 8 & 9	205.47	242.95	169.11	106.32	76.78	48.28	21.44
Total workers	192.29	250.39	163.17	116.43	68.28	35.44	12.94
Non-workers	189.49	280.77	216.38	131.12	77.09	27.41	7.88

Division codes are as follows :—

5—Service workers

6—Farmers, fishermen, hunters, loggers & related workers.

7, 8 & 9—Production and related workers, transport equipment operators & labourers.

TABLE 21

Age specific marital fertility rates by per capita monthly expenditure, 1978

Per capita monthly expenditure (rupees)	Rural Urban	Age Group						
		15—19	20—24	25—29	30—34	35—39	40—44	45—49
1	2	3	4	5	6	7	8	9
Below 50	Rural	190.28	288.56	275.58	208.59	151.62	75.41	45.33
	Urban	233.34	310.10	272.95	197.92	116.00	50.09	13.44
51—100	Rural	168.69	265.28	213.59	144.60	98.90	46.97	16.88
	Urban	183.76	290.92	210.90	126.38	80.59	28.89	8.37
101 and over	Rural	167.78	204.68	145.68	87.14	59.29	15.07	6.97
	Urban	105.70	205.26	139.67	58.23	21.42	4.82	4.70

TABLE 22 (a)

Per cent distribution of live births by order of birth and religion, 1978

Religion	Order of birth							All
	1	2	3	4	5	6 & more		
1	2	3	4	5	6	7	8	
RURAL								
Hindu	23.85	21.37	17.39	13.73	9.35	14.31	100.00	
Muslim	21.26	18.65	15.26	13.14	11.16	20.53	100.00	
Christian	22.95	21.81	16.78	13.58	8.90	15.98	100.00	
Sikh	25.68	21.68	18.03	13.48	7.47	13.66	100.00	
URBAN								
Hindu	26.75	24.25	18.07	12.37	7.22	11.34	100.00	
Muslim	18.83	19.96	17.29	12.55	9.94	21.43	100.00	
Christian	33.76	30.57	10.19	9.55	6.37	9.56	100.00	
Sikh	32.40	24.02	16.76	12.29	4.47	10.06	100.00	
TOTAL								
Hindu	24.54	22.05	17.55	13.41	8.85	13.60	100.00	
Muslim	20.42	19.10	15.95	12.94	10.75	20.84	100.00	
Christian	24.59	23.14	15.78	12.97	8.52	15.00	100.00	
Sikh	27.34	22.25	17.72	13.19	6.73	12.77	100.00	

TABLE 22 (b)

Per cent distribution of live births by order of birth and by level of education, 1978

Level of education of the women	Order of birth							All
	1	2	3	4	5	6 & more		
1	2	3	4	5	6	7	8	
RURAL								
Illiterate	21.55	19.29	17.10	14.39	10.44	17.23	100.00	
Literate but below primary	27.16	23.75	17.75	12.20	7.95	11.19	100.00	
Primary and above	33.36	30.01	16.78	9.93	4.75	5.17	100.00	
Literates	29.72	26.32	17.33	11.25	6.66	8.72	100.00	
URBAN								
Illiterate	18.89	20.69	16.52	13.94	9.69	20.27	100.00	
Literate but below Primary	22.15	21.38	20.47	12.73	9.35	13.92	100.00	
Primary and above	35.46	28.45	18.06	10.15	4.12	3.76	100.00	
Literates	30.70	25.92	18.92	11.07	5.99	7.40	100.00	
TOTAL								
Illiterate	21.11	19.52	17.01	14.31	10.32	17.73	100.00	
Literate but below primary	25.58	23.00	18.61	12.37	8.39	12.05	100.00	
Primary and above	34.50	29.16	17.48	10.05	4.41	4.40	100.00	
Literates	30.14	26.15	18.02	11.17	6.37	8.15	100.00	

TABLE 22 (c)

Per cent distribution of live births by order of birth and by per capita monthly expenditure, 1978

Per capita monthly expenditure (Rupees)	Order of birth							All
	1	2	3	4	5	6 & more		
1	2	3	4	5	6	7	8	
RURAL								
Below 50	21.27	19.53	17.24	14.56	10.64	16.76	100.00	
51-100	25.08	22.52	17.11	12.88	8.56	13.85	100.00	
101 & over	36.10	23.10	15.58	9.75	6.05	9.42	100.00	
URBAN								
below 50	19.88	20.18	16.94	13.95	9.61	19.44	100.00	
51-100	23.96	24.19	18.70	13.04	7.79	12.32	100.00	
101 & over	41.61	27.20	16.10	7.04	3.39	4.66	100.00	
TOTAL								
Below 50	21.04	19.63	17.19	14.47	10.48	17.19	100.00	
51-100	24.75	23.01	17.57	12.93	8.34	13.40	100.00	
101 & over	39.24	25.43	15.88	8.20	4.54	6.71	100.00	

TABLE 22 (d)

Per cent distribution of live births by order of birth and occupation, 1978

Occupation of women (Division Code)	Order of birth						All
	1	2	3	4	5	6 & more	
1	2	3	4	5	6	7	8
RURAL							
6	21.47	19.59	17.25	13.81	10.53	17.35	100.00
7, 8 & 9	22.60	22.91	16.25	12.54	9.91	15.79	100.00
All workers	22.02	20.07	17.08	13.59	10.32	16.92	100.00
Non-workers	23.94	21.23	17.19	13.68	9.29	14.67	100.00
URBAN							
6	12.40	14.88	17.35	17.35	11.57	26.45	100.00
7, 8 & 9	21.59	16.74	16.74	13.66	10.13	21.14	100.00
All workers	20.99	20.51	17.65	12.72	9.06	19.07	100.00
Non-workers	25.72	23.82	17.84	12.34	7.56	12.72	100.00
TOTAL							
6	21.24	19.47	17.25	13.90	10.56	17.58	100.00
7, 8 & 9	22.34	21.30	16.38	12.83	9.97	17.18	100.00
All workers	21.92	20.11	17.14	13.50	10.19	17.14	100.00
Non-workers	24.45	21.97	17.38	13.29	8.80	14.11	100.00

Note : 6 — Farmers, fishermen, hunters, loggers and related workers.
7, 8 & 9 — Production and related workers, transport equipment operators and labourers.

TABLE 22 (e)

Per cent distribution of live births by order of birth and age at marriage, 1978

Age at marriage	Order of birth						All
	1	2	3	4	5	6 & more	
1	2	3	4	5	6	7	8
RURAL							
Below 18	21.54	19.99	17.08	14.14	10.12	17.13	100.00
18-20	27.40	22.46	17.98	13.06	8.52	10.58	100.00
21 & over	33.64	26.94	16.12	10.06	6.24	7.00	100.00
URBAN							
Below 18	19.60	21.45	18.51	13.71	9.34	17.39	100.00
18-20	32.85	26.93	18.46	10.47	5.30	5.99	100.00
21 & over	42.99	28.97	13.40	8.52	2.80	3.32	100.00
TOTAL							
Below 18	21.10	20.32	17.40	14.05	9.95	17.18	100.00
18-20	28.90	23.70	18.11	12.34	7.63	9.32	100.00
21 & over	37.03	27.68	15.13	9.50	4.99	5.67	100.00

TABLE 22 (f)

Per cent distribution of live births by order of birth and by scheduled caste/tribe, 1978

Scheduled Caste/ Scheduled Tribe	Order of birth						
	1	2	3	4	5	6 & more	All
1	2	3	4	5	6	7	8
RURAL							
Scheduled Caste	23.15	20.10	16.47	14.02	10.15	16.11	100.00
Scheduled Tribe	23.85	21.25	16.44	12.44	10.06	15.96	100.00
Non-Scheduled Caste/Tribe	23.59	21.15	17.30	13.67	9.37	14.92	100.00
URBAN							
Scheduled Caste	23.09	20.30	18.45	13.11	8.35	16.70	100.00
Scheduled Tribe	27.73	26.05	10.08	10.93	7.56	17.65	100.00
Non-Scheduled Caste/Tribe	25.70	23.85	17.83	12.32	7.57	12.73	100.00
TOTAL							
Scheduled Caste	23.14	20.14	16.88	13.83	9.78	16.23	100.00
Scheduled Tribe	24.08	21.54	16.06	12.35	9.91	16.06	100.00
Non-Scheduled Caste/Tribe	24.16	21.89	17.45	13.30	8.87	14.33	100.00

TABLE 23 (a)

Per cent child deaths among top ten causes of death classified by age & sex, 1978

Cause of death (Code)	Below 1 year			Cause of death (Code)	1 year			Cause of death (Code)	2 years			Cause of death (Code)	3 years			Cause of death (Code)	4 years			Cause of death (Code)	5 years		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person	Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
RURAL																							
15	14.7	15.6	15.2	9	10.1	11.4	10.9	7	8.6	12.4	11.0	3	10.3	10.2	10.3	3	6.9	11.7	9.7	12	18.1	16.2	17.0
17	8.8	7.0	7.9	3	3.1	14.3	9.9	3	10.9	10.1	10.3	2	10.5	9.5	10.0	19	7.0	10.1	8.8	5	6.4	22.2	14.8
9	5.3	8.3	6.8	7	8.5	9.1	8.8	19	6.5	11.5	9.5	9	7.2	11.4	9.5	2	3.0	11.0	7.5	1	16.0	6.9	11.1
7	4.2	7.9	6.1	2	13.1	3.7	7.3	9	7.0	10.5	9.2	7	6.6	6.8	6.7	12	12.0	3.4	7.1	9	4.1	9.4	6.9
2	6.1	3.7	4.9	19	5.7	5.4	5.5	2	4.5	7.4	6.2	10	8.1	2.9	5.3	1	3.5	8.2	6.2	16	2.0	8.9	5.7
1	4.9	4.5	4.7	1	3.3	6.0	4.9	11	5.1	4.7	4.8	12	2.5	4.8	3.7	9	7.5	4.1	5.6	4	0.8	9.1	5.3
3	3.1	4.5	3.8	4	3.1	3.2	3.1	1	7.7	2.0	4.2	4	1.2	5.5	3.0	7	3.1	3.6	3.4	7	2.8	7.2	5.1
10	4.4	0.9	2.6	12	2.4	3.6	3.1	4	4.5	1.3	2.5	11	2.5	3.0	2.8	15	4.0	2.2	3.0	19	6.8	1.4	3.9
19	1.6	1.7	1.6	10	3.5	2.5	2.9	15	2.5	2.0	2.2	14	2.8	2.1	2.5	10	2.8	1.6	2.1	2	5.6	...	2.6
4	1.7	0.9	1.3	15	2.8	1.3	1.9	10	3.0	1.4	2.0	16	2.3	1.5	1.9	14	1.1	1.7	1.5	14	1.1	3.1	2.1

Code :

- 1. Malaria
- 2. Influenza
- 3. Typhoid
- 4. Gastro-enteritis
- 5. Food poisoning

- 7. Dysentery
- 8. Bronchitis
- 9. Pneumonia
- 10. Other disorders of respiratory system

- 11. Infantile liver
- 12. Jaundice
- 14. Measles
- 15. Tetanus
- 16. Diphtheria

- 17. Prematurity
- 18. Congenital mal-formation
- 19. Diarrhoea
- 20. Accidents and injuries.

TABLE 23 (b)

Per cent child deaths among top ten causes of death classified by age & sex, 1978

Cause of death (Code)	Below 1 year			Cause of death (Code)	1 year			Cause of death (Code)	2 years			Cause of death (Code)	3 years		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
URBAN															
17	13.4	8.7	11.1	9	15.2	15.1	15.1	9	5.9	13.4	10.6	9	7.4	22.4	16.5
15	8.5	4.6	6.6	3	8.8	8.6	8.7	19	...	15.0	9.4	2	7.4	16.9	13.2
7	4.3	6.6	5.4	2	8.7	6.0	7.1	7	...	12.4	7.8	3	11.5	7.5	9.1
11	4.8	4.1	4.5	19	...	10.1	5.9	2	11.1	4.2	6.8	14	9.2	6.0	7.3
2	3.4	4.8	4.1	7	8.0	3.3	5.3	3	10.5	3.8	6.3	1	12.9	2.9	6.8
19	2.7	4.9	3.8	11	12.6	...	5.2	1	10.2	...	3.8	7	...	11.2	6.8
18	4.3	3.1	3.7	8	3.3	5.5	4.6	15	8.7	...	3.2	5	...	6.9	4.2
4	3.8	3.0	3.4	1	7.2	2.6	4.5	10	4.3	2.1	2.9	8	...	3.5	2.1
3	2.9	3.8	3.3	15	4.9	...	2.1	4	...	4.3	2.7	20	...	3.1	1.9
1	4.0	0.6	2.4	12	4.7	...	2.0	14	...	3.8	2.4	4	...	0.8	0.5

Code :

- | | | | |
|---------------------|---|---------------------|-----------------------------|
| 1. Malaria | 7. Dysentery | 11. Infantile liver | 17. Prematurity |
| 2. Influenza | 8. Bronchitis | 12. Jaundice | 18. Congenital malformation |
| 3. Typhoid | 9. Pneumonia | 14. Measles | 19. Diarrhoea |
| 4. Gastro-enteritis | 10. Other disorders of respiratory system | 15. Tetanus | 20. Accidents and injuries |
| 5. Food Poisoning | | 16. Diphtheria | |

TABLE 24 (a)

Cause specific death rates per 100,000 children by age & Sex, 1978

Cause of death (code)	Below 1 year			Cause of death (code)	1 year			Cause of death (code)	2 years			Cause of death (code)	3 years			Cause of death (code)	4 years			Cause of death (code)	5 years		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person	Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
RURAL																							
15	2118	2423	2267	9	244	462	349	7	143	353	244	3	123	150	136	3	57	140	96	12	79	90	84
17	1267	1087	1179	3	75	579	317	3	180	286	231	2	126	140	133	19	57	121	87	3	28	123	73
9	761	1281	1015	7	206	366	283	19	108	326	212	9	87	168	126	2	24	131	75	1	70	38	55
7	598	1229	906	2	316	149	236	9	116	299	204	7	79	100	89	12	98	40	71	9	18	52	34
2	870	580	729	19	138	218	176	2	74	209	139	10	96	42	71	1	28	98	61	16	9	49	28
1	703	704	704	1	81	242	158	11	85	133	108	12	30	71	49	9	61	49	55	4	3	50	26
3	447	704	573	4	74	130	101	1	128	58	94	4	15	81	40	7	25	43	33	7	12	40	25
10	636	136	392	12	57	144	99	4	74	37	56	11	30	45	37	15	33	26	30	19	30	8	19
19	223	261	242	10	84	101	92	15	41	56	48	14	37	31	33	10	23	19	21	2	25	...	13
24	43	143	195	15	68	54	61	10	50	40	45	16	30	21	25	14	9	20	14	14	5	17	11

TABLE 24 (b)

Cause specific death rates per 100,000 children by age and sex, 1978

Cause of Death (code)	Below 1 year			Cause of Death (code)	1 year			Cause of Death (code)	2 years			Cause of Death (code)	3 years		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
URBAN															
17	10.21	649	849	9	205	286	246	9	42	165	109	9	47	208	127
15	649	343	501	3	118	164	141	19	...	184	96	2	47	156	101
7	327	493	408	2	118	114	116	7	...	152	80	3	72	69	70
11	365	309	338	19	...	192	96	2	80	51	70	14	58	57	56
2	262	360	309	7	109	63	86	3	75	46	64	1	82	27	53
19	210	366	286	11	170	...	85	1	73	...	39	7	...	103	52
18	329	231	281	8	44	104	74	15	62	...	34	5	...	64	32
4	293	225	260	1	98	48	73	10	31	25	30	8	...	32	16
3	221	281	250	15	67	...	33	4	...	53	28	20	...	29	15
	308	514	180	12	64	...	32	14	...	47	25	4	...	8	4

TABLE 25

Per cent distribution of children by age, sex and type of food, 1978

Item	Sex	Present age						
		Below 1 year	1 year	2 years	3 years	4 years	5 years	6 years
1	2	3	4	5	6	7	8	9
RURAL								
1. Milk	Male	81.93	67.56	51.92	45.58	41.61	36.44	30.39
	Female	82.35	66.33	52.02	44.96	35.46	36.18	28.83
2. Wheat	Male	8.01	36.35	51.46	55.05	58.23	59.49	51.36
	Female	6.40	36.48	49.24	55.26	56.54	56.94	49.87
3. Rice	Male	13.12	58.67	75.61	81.98	81.87	82.00	67.52
	Female	12.24	58.29	76.46	81.80	82.25	83.57	69.44
4. Millets	Male	3.67	14.69	18.94	22.16	24.90	24.01	21.79
	Female	3.77	13.17	20.19	23.12	23.15	23.84	21.17
5. Meat products	Male	0.71	4.25	5.91	8.29	8.26	9.35	8.42
	Female	0.62	3.95	6.23	7.62	7.70	8.03	7.52
6. Others	Male	31.82	35.82	37.38	36.45	35.98	38.67	33.38
	Female	30.01	36.82	35.24	34.82	34.90	37.51	34.83
URBAN								
1. Milk	Male	84.25	75.37	63.74	55.03	49.51	45.52	41.41
	Female	85.93	76.07	61.73	54.23	51.24	46.19	39.12
2. Wheat	Male	9.04	43.94	60.78	64.80	65.62	65.80	63.84
	Female	8.08	39.81	57.94	63.98	67.10	65.38	61.73
3. Rice	Male	16.25	63.33	80.62	84.19	86.64	84.96	80.48
	Female	14.08	62.90	79.82	86.02	87.72	86.95	80.04
4. Millets	Male	2.46	9.50	13.76	13.79	17.30	16.65	17.01
	Female	2.68	9.39	12.87	14.96	15.07	16.23	15.77
5. Meat product	Male	1.25	7.90	11.42	13.35	12.98	14.25	11.58
	Female	1.49	8.23	11.02	12.70	13.47	14.96	12.67
6. Others	Male	31.94	33.88	34.08	35.48	34.11	34.45	31.94
	Female	29.01	33.88	35.05	33.31	35.78	35.01	32.13

TABLE 27

Per cent children sick among the top ten sicknesses classified by age and sex, 1978

Illness (Code)	Below 1 year			Illness (Code)	1 year			Illness (Code)	2 years			Illness (Code)	3 years			Illness (Code)	4-6 years		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RURAL																			
3	11.83	14.25	13.25	3	12.73	12.22	12.51	3	7.47	13.87	10.54	3	13.70	11.01	12.50	28	9.56	11.54	10.50
28	10.44	9.73	10.10	28	7.83	11.82	9.60	28	8.54	10.41	9.44	28	6.77	9.82	8.13	3	9.29	10.62	9.92
6	6.86	6.00	6.46	2	4.57	7.28	5.77	2	8.59	6.69	7.68	7	5.67	9.96	7.59	16	5.84	8.17	6.94
2	7.88	3.48	5.81	7	6.08	3.93	5.13	9	3.95	9.96	6.83	2	7.37	5.80	6.67	2	6.20	6.35	6.27
13	4.96	4.35	4.67	27	3.84	4.69	4.22	7	6.27	4.61	5.47	27	6.56	4.38	5.59	29	4.05	6.54	5.23
29	3.91	5.01	4.43	6	3.38	4.74	3.98	27	6.06	4.58	5.35	16	3.80	4.51	4.12	8	4.07	4.47	4.26
25	3.10	5.84	4.39	14	4.96	2.07	3.67	13	4.64	4.50	4.57	13	2.89	5.05	3.86	13	3.98	4.55	4.25
27	3.91	4.27	4.08	13	2.29	5.07	3.52	16	5.70	2.92	4.37	29	5.20	1.63	3.61	7	4.30	3.07	3.72
14	3.63	4.27	3.93	29	2.78	3.19	2.96	6	3.56	3.58	3.57	8	4.02	2.54	3.36	14	3.25	1.67	2.50
7	4.19	2.80	3.54	16	2.11	3.74	2.83	29	1.52	3.07	2.27	9	2.56	2.86	2.69	18	2.17	1.44	1.82
URBAN																			
3	14.88	7.66	11.25	28	7.68	8.49	8.08	28	10.51	10.20	10.36	3	10.15	6.57	8.29	28	10.53	13.53	11.91
28	5.11	9.21	7.01	16	5.97	10.04	7.99	3	10.18	6.53	8.39	16	5.14	10.58	7.97	16	10.87	6.17	8.71
6	7.35	6.16	6.80	6	6.35	7.49	6.91	16	5.33	8.68	6.98	2	8.49	6.85	7.64	3	6.38	9.67	7.81
2	4.02	7.72	5.73	3	5.48	6.57	6.02	13	6.04	7.36	6.69	28	7.94	6.43	7.16	2	7.03	6.17	6.63
16	5.78	4.69	5.27	2	6.39	4.34	5.37	6	6.03	2.68	4.39	29	3.80	4.49	4.16	13	6.98	5.97	6.51
13	4.03	5.17	4.56	29	6.75	2.92	4.85	25	5.22	2.75	4.01	13	0.94	6.38	3.77	7	3.76	4.51	4.10
27	5.46	2.72	4.19	13	4.03	5.26	4.64	7	3.64	0.43	3.95	27	3.50	3.89	3.70	25	4.26	2.33	3.57
29	4.01	3.13	3.60	27	4.32	3.14	3.74	14	3.20	4.00	3.59	7	1.82	5.01	3.48	29	3.30	2.78	3.06
12	1.67	4.38	2.92	12	1.43	5.50	3.45	29	3.21	3.83	3.51	14	4.07	2.56	3.29	9	2.72	3.18	2.93
11	3.48	1.90	2.75	25	2.53	2.23	2.38	27	1.88	3.79	2.82	25	3.59	2.78	3.17	12	2.77	2.04	2.44

Code list for types of illness among children 0-6 years

Code No.	Type of illness	Code No.	Type of illness
2	Tuberculosis of Menings and central nervous system.	13	Infectious Hepatitis
3	Septiceamia and Pyeamia	14	Scabies
6	Whooping cough	16	Angular stomatosis
7	Malaria	18	Kwashiorkor (Protein deficiency)
8	Influenza	25	Diseases of the circulatory system
9	Typhoid	27	Bronchitis
11	Chickenpox	28	Other diseases of the respiratory system
	Measles	29	Dysentery

TABLE 28

Incidence rate of sickness per 100,000 children by age & sex, 1978

Illness (Code)	Below 1 year			Illness (Code)	1 year			Illness (Code)	2 years			Illness (Code)	3 year			Illness (Code)	4-6 year		
	Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person		Male	Female	Person
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
RURAL																			
3	464	543	502	3	548	454	503	3	285	527	402	3	524	371	451	28	259	305	281
28	409	356	383	28	337	439	386	28	327	396	360	28	259	331	294	3	251	281	266
6	269	219	245	2	197	270	232	2	328	254	293	7	217	336	274	16	158	216	186
2	309	127	220	7	262	146	206	9	151	379	261	2	282	195	241	2	168	168	168
13	195	159	177	27	165	174	169	7	240	175	209	27	251	148	202	29	110	173	140
29	154	183	168	6	145	176	160	27	232	174	204	16	146	152	149	3	110	118	114
25	122	214	166	14	213	77	148	13	178	171	174	13	111	170	139	13	108	120	114
27	154	156	155	13	98	188	142	16	218	111	167	29	199	55	130	7	117	81	100
14	142	156	149	29	120	119	119	6	136	136	136	8	154	86	121	14	88	44	67
7	164	102	134	16	89	139	114	29	58	117	86	9	98	96	97	18	59	38	49
URBAN																			
3	868	380	632	28	328	358	343	28	455	436	446	3	308	210	259	28	311	359	334
28	298	551	394	16	255	424	339	3	441	279	361	16	156	339	248	16	321	163	244
6	429	332	382	6	271	316	294	16	231	371	300	2	257	219	238	3	188	256	221
2	234	415	322	3	234	277	256	13	262	314	288	28	241	206	223	2	207	163	186
16	337	147	296	2	273	183	228	6	261	114	189	29	115	144	130	13	206	158	183
13	255	253	256	29	288	123	206	25	226	118	172	13	29	204	117	7	111	119	115
27	319	496	235	13	172	222	197	7	158	182	170	27	106	125	115	25	125	74	100
29	234	169	202	27	185	133	159	14	138	171	154	7	55	161	108	29	97	74	86
12	97	236	164	12	61	232	147	29	139	163	151	14	123	82	102	9	80	84	82
11	203	102	154	25	108	94	101	27	82	162	121	25	113	89	99	12	82	54	68

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APPENDIX II
SCHEDULE

INFANT AND CHILD MORTALITY SURVEY 1979

Section A : Identification and Classificatory Particulars of the Sample Unit

S. No.	Item	Code
1	2	3
1.	State	.....
2.	District	.....
3.	Taluk/Police Station/Ancal/Block	.....
4.	Sample Unit Code	.....
5.	Rural/Urban: Rural—1. Urban—2	.....
6.	Whether water supply available in the sample unit: if yes—1. no—2.	.....
7.	Whether electric power supply available in the sample unit: if yes—1. No—2.	.....
8.	Distance to the nearest motorable road: in the sample unit—1, less than 2 kms.—2, 2 to 5 kms.—3, 5 kms. to 10 kms.—4, and ten kms. above—5.	.....
9.	Type of approach road from sample unit to motorable road: pucca—1, kutchra—2.	.....
10.	Distance to the nearest bus stand: in the sample unit—1, less than 2 kms.—2, 2 to 5 kms.—3, 5 kms. to 10 kms.—4, 10 kms. and over—5.	.....
11.	Distance to the nearest railway station: in the sample unit—1, less than 2 kms.—2, 2 to 5 kms.—3, 5 to 10 kms.—4, 10 kms. and over—5.	.....
12.	(a) Distance to the nearest primary school: in the sample unit—1, less than 2 kms.—2, 2 to 5 kms.—3, 5 to 10 kms.—4, 10 kms. and over—5.	.....
	(b) Distance to the nearest high school/higher secondary school: in the sample unit—1, below 2 kms.—2, 2 to 5 kms.—3, 5 to 10 kms.—4, 10 kms. and over—5.	.....
13.	Distance to the nearest post office: in the sample unit—1, less than 2 kms.—2, 2 to 5 kms.—3, 5 to 10 kms.—4, 10 kms. and over—5.	.....
14.	General mode of transport: Rail—1, Motor vehicles—2, Cycle/Rickshaw—3, Bullock carts/horse carts—4, None—5, others—6.	.....
15.	Whether any medical facility available in the sample unit: yes—1. no—2,	.....
	(a) if yes:	.....
	(i) Allopathic hospital/dispensary/clinic	1
	(ii) Homeopathic dispensary/clinic	2
	(iii) Ayurvedic dispensary/clinic	3
	(iv) Unani dispensary/clinic	4
	(b) if no:	.....
	(i) Distance to the nearest hospital/dispensary/clinic: below 2 kms.—1, 2 to 5 kms.—2, 5 kms to 10 kms.—3, 10 kms and over—4.	.....
	(ii) Whether the hospital/dispensary/clinic connected by pucca/kutchra road. pucca—1, kutchra—2.	.....

Section : B

Identification and Classificatory particulars of the household

Sl. No.	Item	Code
1	2	3
1.	State	.....
2.	District	.....
3.	Taluk/Police Station/Ancal/Block	.....
4.	Sample Unit code	.....
5.	Rural/Urban : Rural—1, Urban—2	.....
6.	House & Household number	.....
7.	Name of the Head of household	.....
8.	Informant's relationship to head : Self—1, Related—2, Unrelated—3.	.....
9.	Religion : Hindu—1, Muslim—2, Christian—3, Sikh—4, Buddhist—5, Jain—6, Others—7	.....
10.	Schedule caste/tribe : SC—1, ST—2	.....
11.	Name of S.C./S.T.	.....
12.	Number of nucleus families	.....
13.	Number of rooms	.....
14.	Type of house :	.....
	Kutch a wall, kutch a roof, kutch a floor—1	.....
	Pucc a wall, pucc a roof, kutch a floor—2	.....
	Pucc a wall, kutch a roof, kutch a floor—3	.....
	Pucc a wall, kutch a roof, pucc a floor—4	.....
	Pucc a wall, pucc a roof, kutch a floor—5	.....
	Pucc a wall, pucc a roof, pucc a floor—6	.....
	Kutch a wall, pucc a roof, pucc a floor—7	.....
	Kutch a wall, kutch a roof pucc a floor—8	.....
15.	Source of lighting : Electric light—1. Oil lamp—2. Lamp or Lantern with chimney—3. Others—4. None—5	.....
16.	Source of drinking water : Tap—1. Hand pump—2. Well—3. Pond/tank—4. River—5. Others—6.	.....
17.	Average monthly consumer expenditure (Rs.)	.....
	(a) food	.....
	(1) Cereals	.....
	(2) Pulses	.....
	(3) Milk and milk products	.....
	(4) Edible oil	.....
	(5) Vegetables	.....
	(6) Meat and other protein	.....
	(7) Sugar	.....
	(8) Others	.....
	(b) Clothing	.....
	(c) Fuel & light, wood, kerosene oil, gas etc.	.....
	(d) Education including expenses on books etc.	.....
	(e) Rent	.....
	(f) Medical care	.....
	(g) Miscellaneous items, like entertainment, furniture, footwear etc.	.....

APPENDIX III
Crude Birth Rate & Infant Mortality
For Selected Countries

CRUDE BIRTH RATE & INFANT MORTALITY FOR SELECTED COUNTRIES

Name of the country	Year	Birth rate	Year	Infant mortality rate
1	2	3	4	5
AFRICA				
Algeria	1969-71	50	1969-71	142
Egypt	1976	39	1974	108
Gambia	1973	49-50	1973	217
Ghana	1970	48	1970	115
Kenya	1967	50	1969	119
Losotho	1971	37	1971	114
Mauritius	1976	26	1976	40
Mozambique	1970	42-48	1970	148
Rwanda	1970	48-50	1970	127
Seychelles	1976	27	1976	35
Tanzania	1973	45-49	1973	120-130
AMERICA				
Bolivia	1976	46	1976	157
Chile	1975	24	1975	61
Columbia	1975-76	34	1973	98
Venezuela	1976	36	1965-70	45
U.S.A.	1976	15	1976	15
ASIA				
Afghanistan	1972-73	50-53	1972-73	217-235
Bangla Desh	1974	48	1969-74	153
Hong Kong	1976	18	1976	114
India*	1978	33	1978	125
Indonesia	1971	42	1971	126
Iran	1973-76	42	1973-76	104
Japan	1975	16	1975	10
Jordan	1961	48	1972	97
Korea	1975	26	1970	47
EUROPE				
Norway	1976	13	1976	10
Spain	1976	18	1676	16
Sweden	1976	12	1976	8
United Kingdom	1976	12	1976	14
SOUTH-PACIFIC				
Australia	1976	16	1975	14
Fiji Island	1976	29	1974	41
New Zealand	1976	18	1976	16

Source :— World Population 1977 Recent Demographic Estimates for the Countries and regions of the World, U.S. Bureau of Census.

* Obtained from the survey.