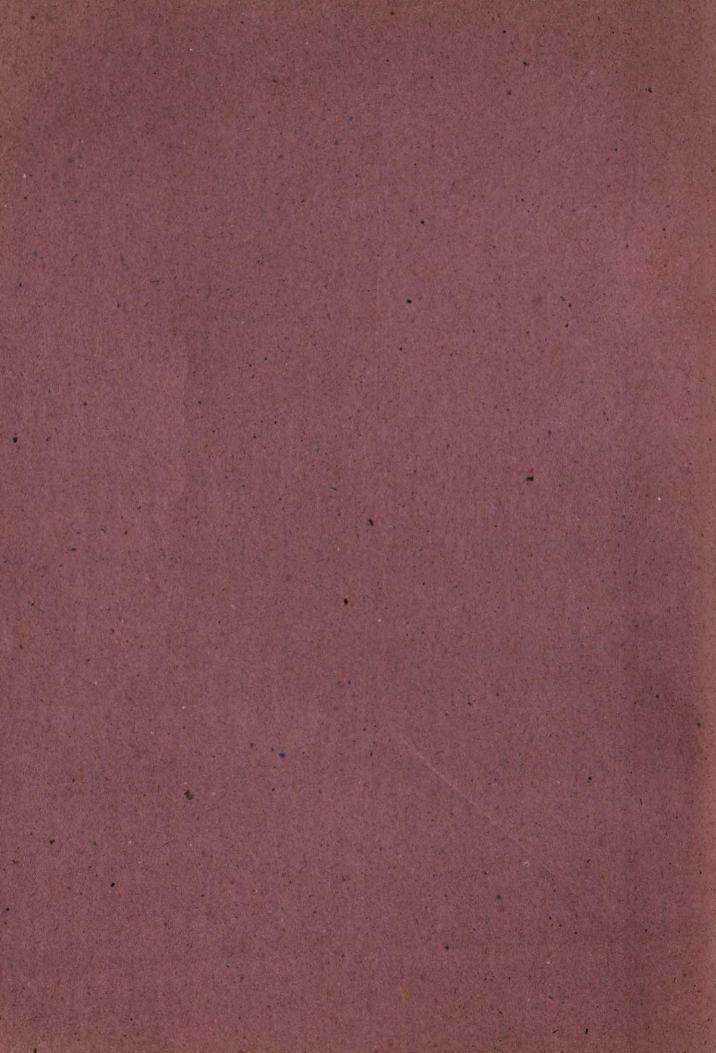


THE ANNUAL REPORT ON SAMPLE REGISTRATION SYSTEM IN KERALA (RURAL) 1991

DEPARTMENT OF ECONOMICS & STATISTICS
THIRUVANANTHAPURAM



GOVERNMENT OF KERALA

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PREFACE

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The Sample Registration System was introduced in all the States of India under the directions of the Registrar General of India with the objective of obtaining quick and reliable estimates of vital rates in the country regularly.

The report presents the results of the study in rural areas of Kerala State for the year 1991. The estimates of vital rates viz:- crude birth and death rates, infant mortality rate etc. and also the details of marriages obtained through the study are included in the report.

This report was prepared by the Sample Registration Unit of the Directorate of Economics & Statistics.

Thiruvananthapuram, 2nd November, 1995.

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Dr.M.KUTTAPPAN DIRECTOR DEPARTMENT OF ECONOMICS & STATISTICS

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CHAPTER - I

Introduction

The Sample Registration System was introduced in the State in the year 1964-65 as a pilot project to obtain quick and reliable data on vital rates since the statutory registration system fails to cover all At the outset 20 rural and 5 urban samples were births and deaths. selected for the sample survey. The full fledged scheme was introduced on 1st July 1965 covering 150 samples in the rural areas of the state on a regular basis. The samples originally selected were retained for the study upto 1982. Out of the 150 samples, 75 samples were replaced during the year 1982 and the remaining 75 samples were replaced during 1983. Stratified sampling method was used for the selection of new samples. The census villages were grouped into four strata according to the population of 1981 census viz below 500, 500 to 999, 1000 to 1999 and 2000 and above under the two regions namely northern region consisting of the northern districts from Kasaragod to Palakkad and southern region consisting of the southern districts from Thrissur to Thiruvananthapuram and allocating samples in different strata in proportion to the population of each stratum to total population. The number and population of the samples selected for the study and the total number and population of census villages in each stratum are given in table-36 appended to this report.

The Agency for the study in the rural areas of the State in the Department of Economics & Statistics and in urban areas the Census Department as per the Directions of the Registrar General of India. The finding of the study in the 150 selected rural samples conducted in the year 1991 are furnished in the report.

1.2 Staff engaged in the Survey

The births and deaths occurred in each selected sample are regularly registered by the 150 part-time enumerators appointed for the purpose. The half yearly surveys in all the 150 samples were conducted by 16 Statistical Assistants/Computors deputed from the Census Department. The supervision of field work and the reverification of the unmatched and partially matched events were done by the Additional District Officers of this Department in each district with the assistance of compilers. In the State Head Quarters the work relating to Sample Registration System was attended by the S.R.S. unitconsisting of one Regional Officer, one Research Assistant, one Computor from the Census Department and a Compiler.

1.3 Field Work

A base line survey was conducted in all these selected samples at the outset and obtained athe usual resident population. The details of births and deaths occurring in these units were registered by the part-time Enumerators on a regualr basis through informants and house visits and the details reported to the District Office and State Head Quarters every, month. The Statistical Assistants/Computor/Supervisors conducted half yearly surveys during each half year for updating the population and for collecting the details of births and deaths. The data collected independently by both the Enumerators and Supervisors were matched at the District Head Quarters and the reverification of the unmatched and partially matched events was conducted by the Additional District Officers concerned and the finalised results of the survey furnished to the State Headquarters. These results were further scrutinised at the Headquarters and a copy of the details of births, deaths, population statement and details of marriages were forwarded to the office of the Registrar General of India for computation of vital rates.

1.4 Overlapping Survey

The data relating to the previous half year were also collected during each half yearly survey to list out the missing vital events, if any, both by the enumerators and the supervisor during the previous half year. Through this enquiry 93 births and 25 deaths were detected during the year as the events of the extended reference period.

1.5 Intensive Enquiry

An Intensive enquiry was conducted by the Additional District Officers in all the households of 32 sample units labelled as aberrant where the number of vital events recorded for the year 1991 showed variation either above or below 25% of the average number of events for the previous 4 years. Thorough this enquiry 10 births and 3 deaths were detected additionally.

CHAPTER - II

Population and its Growth

The rural population of Kerala was estimated as 2,33,62,612 as on 1-7-1991 and as 2,33,01,720 on 1-1-1992 recording a decrease of 0.26% in the second half of 1991 where as in the previous year the population showed an increase of 0.4% for the corresponding period. In the northern region the population in the 2nd half of 1991 showed a decrease of 0.43% as against an increase of 0.88% and in the southern region a decrease of 0.13% as against an increase of 0.05% of the corresponding period of 1990. The mid year population showed an increase of 0.97% over that of the previous year. The corresponding increase between 1989 and 1990 was 1.33%.

2.2 Sex ratio and percentage distribution of population by age group.

The sex-ratio and percentage distribution of population for different age-groups for the year 1989, 1990 and 1991 are presented in table-5. Unlike in the previous year the sex ratio is seen increased from 1055 in 1990 to 1057 in 1991. In the southern retion the sex

ratio was 1052 which is lower than the northern region where the ratio was 1064. Children below the age of 14 comes 30% of the rural population in the year 1991 whereas in the previous year the corresponding percentage was 30.8.

2.3 Religion wise population (Mid-year)

The population when classifed according to the three major religion showed that 57.4% was Hindus, 21.1% was Muslims and 21.5% was Christians. In the previous year the corresponding percentages were 57.4, 20.9 and 21.7 respectively. The estimated religion wise population is given in table-6.

CHAPTER - III

Measures of Fertility

3.1 Crude Birth rate

The number of the live births per 1000 mid-year population is defined as the crude birth rate. This is the common measure of fertility. The births to the usual residents of the area were only taken into account for the calculation of vital rates.

The crude birth rate of Kerala (Rural) was estimated as 18.37 for the year 1991 which was less by 1.18% than the previous year. When comparing the birth rates of northern and southern region the birth rate of northern region is higher than that of south by 3.93%. The birth rates of the two regions are estimated as 20.62 in the north and 16.69 in the south. In the previous year ie. in 1990 these rates were 21.97 and 17.76 respectively for north and south. The birth rate among rural population of Kerala and India for the years 1983 to 1991 are given below in table-Al.

TABLE - A1

Crude birth rate for Kerala (Rural) and India (Rural)
for the years 1983 to 1991

	Kerala	Kerala (Rural)				
Year	Northern Region	Southern Region	Total	(Rural)		
1	2	3-4-1	4	5		
1983	29.3	19.5	23.5	35.3		
1984	28.5	20.3	23.7	35.3		
1985	27.2	20.4	23.2	34.3		
1986	27.0	19.4	22.6	34.2		
1987	24.6	19.2	21.5	33.7		
1988	23.2	17.6	19.9	33.1		
1989	22.7	18.4	20.2	32.2		
1990	22.0	17.9	19.6	31.7		
1991	20.6	16.7	18.4	30.9		

As in the previous years the birth rate showed a decreasing trend. The birth rate for the year 1991 was lower by 1.2% than the previous year. The region wise figure showed 1.4% and 1.2% decrease over the previous year for northern and southern regions respectively.

3.2 Birth rates of neighbouring States

The estimated birth rates for the rural area and the combined estimate for rural and urban areas of Kerala and its neighbouring States and all India for the year 1991 are given in table-A2.

Birth rates of neighbouring States and all India for 1991

S1. No.	State State	Rural	Rural and Urban combined
1	2	3	4
1.	Andhra Pradesh	26.5	26.0
2.	Karnataka	27.9	26.9
3.	Tamil Nadu	20.8	20.8
4.	Kerala	18.4	18.3
	All India	30.9	29.5

Source - Registrar General of India.

Comparing the birth rates in rural areas Kerala recorded the lowest birth rate (18.4) where as the highest birth rate is recorded in Karnataka (27.9). The birth rate in all these States and in India showed a decreasing trend.

3.3 Birth rates by Religion

The birth rates among the three major religions in the State viz Hindus, Muslims and Christians in rural areas of the State for the year 1991 seperately estimated for northern and southern Regions are given in table-19 appended.

When compared to previous year the birth rate among all the three religions showed a decreasing trend during the year under report. The estimated birth rates were 16.4, 25.6 and 16.6 for Hindus, Muslims and Christians respectively where as the corresponding rates for 1990 were 17.5, 27.4 and 17.4. The birth rate was highest in the Muslim community (25.6) which forms 21.1% of the total rural population. The Hindus formed 57.4% and the christians formed 21.5% of the total population. In the southern region the highest birth rate recorded as 19.6 was among Muslims and the lowest among Hindus (16.1). In the northern region also the highest birth rate was recorded among Muslims as 28.2 where as the lowest birth rate was recorded as 15.6 among Christians. The estimated number of religion-wise and region-wise births and deaths are given in table-18 appended.

3.4 Distribution of Sample Villages under different rates

The distribution of sample villages by crude birth rate for the years 1989, 1990 and 1991 are presented in Table-16 appended. The birth rate for the State (18.4) found place in the group for which the birth rate is between 16 and less than 20, as in the previous year. In the northern region 33 (54%) samples and in southern region 68 (76%) samples had birth rate below 20. On analysing the sample wise birth rate. The highest birth rate of 34.6% was recorded in one sample in the northern region and the lowest birth rate of 7.8 was recorded in one samples of southern region. The birth rates in the rural samples of region were comparatively higher than those of the southern region. It was seen that 11 samples of southern region had birth rate below 12% where as the birth rates of all the samples of northern region were above 12%. The birth rates of all samples in the northern region ranged from 12 to 38, where as in the southern region of it ranged from 7 to 33.

3.5 Age specific fertility rate

Age specific fertility rate can be defined as the number of live birth in an year to 1000 women of a specific age group. Age specific fertility rate for the year 1991 are given seperately for the two regions in table-12 appended. With a view for comparism the age specific fertility rates for the last 10 years are furnished below in table-A3.

Age specific fertility rate in Kerala (Rural) for the year 1983 to 1991

Age		e						19 19 19 19 19 19 19 19 19 19 19 19 19 1	
group	1983	1984	1985	1986	1987	1988	1989	1990	1991
1	2	3	4	5	6	7	8	9 +	10
16	100					E REPLE			Contain out
15-19	34.9	34.5	33.7	36.7	31.3	28.1	26.8	26.37	25.15
20-24	172.7	179.2	177.0	166.1	171.6	153.1	156.3	151.93	141.59
25-29	161.0	168.0	155.4	147.1	140.0	128.2	134.9	134.24	125.21
30-34	87.5	74.6	73.0	67.5	55.1	57.2	54.1	50.10	47.47
35-39	42.5	35.8	29.6	27.4	24.4	24.1	19.9	14.71	15.08
40-44	13.6	14.1	14.2	11.2	7.2	6.3	6.6	5.78	4.67
45-49	3.1	4.0	1.8	2.9	2.1	3.0	1.9	1.02	0.49
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3.6 Age specific marital fertility rate

Age specific marital fertility rate can be defined as the number of live births in an year to 1000 married women of specific age group. Table-12 appended gives the age specific marital fertility rate for the year 1991. The age group of 20-24 recorded the highest marital fertility rate (272.1). In the previous year also the same age group recorded the highest marital fertility rate (291.7).

3.7 Number of surviving children and children ever born in the A.E. different age group

The religion wise number of ever born and surviving children to currently married women in different age group from 15-19 to 45-49 is given in table-9 and 10 appended. Table No.11 gives the distribution of currently married women observed in sample according to age of mother and age of last child. It is observed that 7% of the mothers come under the age group 15-19 and 91% of these mothers have atleast one child surviving. In the age group of 15-44 0.8% mothers have 7 children are more alive. When distributed according to religion 56.8% mothers are muslims, 36.6% are hindus and 6.6% are christians in the age group 15-19.

and 3.8 General Fertility Rate (GFR) 17 . 151 avods are winder a red from noise 1 avods are winder and set are district.

The number of live births in an year to 1000 women in the reproductive age group 15 to 49 is diffined as the General Fertility Rate.

The General fertility rate for the two regions separately for the year 1990 and 1991 are given below:

	1-1991 at	1990
Northern region	74.8	80.9
Southern region	57.8	62.1
State EA BLEAT	64.8	69.8

Age specific fertility rate in Kerala (Rural) for the year G.F.R. for the years 1983 to 1991 are shown below:

OFF	1983	1984	1985	1986	1987	1988	1989	1990	1991 A
GFK	87.90	87.5	84.4	81.0	77.4	71.5	72.2	69.8	64.8
10	9	8	7	7	2		5	C	7

3.9 Total Fertility Rate

ism the age

Total fertility rate denotes the average number of children that would be born to a women during her life time; if she was to pass thorough her child-bearing years conforming the age specific fertility rates of the year. The total fertility rate for the two regions for 1990 and 1991 are given below separately.

	Region	1990	1991
	Northern region villimit	spec 62.2 marital	2.09 €
ed and number	Southern region	1.68	1.58
quote the order	State	1.92	1.79

the vest 1992 the seed of the restriction in the same age group fertility rate 272.11 in the same age group

The total fertility rate of Kerala showed a decreasing trend for the period from 1983 to 1991. The rates are given below:

	1983	1984	1985	1986	1987	1988	1989	1990	1991
TFR	2.6	2.6	2.4	2.3	2.2	2.0	2.0	1.9	1.8

3.19 Gross Reproduction Rate (GRR)

Gross Reproduction rate is defined as the average number of female children that would be born to a woman during her life time; if she was to pass through her child bearing years conforming to the age specific fertility rate of the year. The gross reproduction rate of Kerala for the years 1983 to 1991 are given below:

F-12/15/	1983	1984	1985	1986	1987	1988	1989	1990	1991
GRR	1.2	1.3	1.2	1.1	1.1	1.0	0.95	0.92	0.92

3.11 Net Reproduction Rate (NRR)

Net reproduction rate is the average number of female children that would be born to a women during her life time conforming to the age groups by corresponding proportion of survivors as per life table for female (LX/lx) and then repeating the process as in gross production rate. Net reproduction rate for the years 1983 to 1991 are given below:

3.12 Still Birth Rate (SBR)

Still birth rate in the number of still births to 1000 births (both live births and still births). The still birth rate was estimated as 9.9 for the year as against 8.6 for the previous year. Still birth rates for northern and southern regions were estimated as 11.6 and 8.5 respectively. The still births rate was higher by 1.3% than that of the previous year.

3.13 Order of birth by age of mother

The percentage distribution of births by age of mother and order of birth of child is given in Table-15 appended. The first and second order births form 82.8% of the total birth and 3rd order birth comes to 9.9%. The corresponding percentages for the previous year were 78.3 and 13.2 respectively. The percentage of birth under 7th order and above reduced from 1.3% to 1% in the corrent year.

3.14 Birth by type of medical attention received

The percentage distribution of births by type of medical attention received in the year 1983 to 1991 are given below in table No.A4

TABLE - A4

Percentage distribution of births by type of medical attention received for the period from 1983 to 1991

Year	Institu- tional	Trained Professional	Untrained Professional	Non Professional	Not State
1	2	3	4	5	6
1983	68.9	16.1	13.1	1.9	
1984	73.3	9.2	13.6	3.7	0.2
1985	76.5	8.2	12.8	2.2	0.3
1986	80.2	6.3	9.7	3.7	0.1
1987	82.5	7.7	9.2	0.6	
1988	83.1	6.8	7.9	2.0	0.2
1989	86.0	5.6	6.8	1.5	0.1
1990	89.1	3.6	5.6	1.4	0.3
1991	91.1	2.7	4.9	1.2	0.1

About 91.1% of births took place in medical institutions in the year 1991 as against 89.1 in the previous year which showed that the number of people utilising the institutional facilities provided for maternal and child health increasing every year. The distribution of number of births by various medical attention received is given in table-14 appended. The institutional facilitis were utilised by 99.1% of the people of souther region where as in the northern region the percentage of users was 82.7. The corresponding percentage in the previous year was 98.1 and 79.5. The services of the untrained personal were availed by 4.9% of the perople which is higher than those who availed the services of trained personal (2.7). In the previous year these percentages were 5.6 and 3.6 respectively.

3.15 Sex-ratio at birth

The number of male children born to 100 female children is defined as the sex-ratio. Sex-ratio at birth for the year 1983 to 1991 are given below:

Sex ratio at birth in northern region and southern region were 103.4 and 90.6 respectively as against 112.6 and 106.4 respectively in the previous year.

3.16 Child - Women Ratio (CWR)

Child women ratio is defined as the estimated number of children in the age group (0-4) years per 1000 women in the reporductive age group (15-49).

Estimated number of children in the age group (0-4) years: 2331948
Estimated number of women in the age group (15-49): 6621022

Child-women natio for the years 1983 to 1991 are given below:

	1983	1984	1985	1986	1987	1988 376	1989	1990	1991
CWR	400	390	377	378	383	376	368	368	352

3.17 Comparision of vital rates under Sample Registration System and Civil Registration System

Civil Registration System is the statutory system of recording the details of all births and deaths occuring in the State. While comparing the vital rates obtained under these two systems it is seen that the birth rate obtained through Civil Registration System is lower than that obtained from Sample Registration System. The reason may be that a considerable number of births and deaths are left unregistered under Civil Registration System. The birth rates and still birth rates arrived from the data collected through Sample Registration System and Civil Registration System for the year 1983 to 1991 are given in table-A5. The vital rates calculated from the data on Civil Registration System show that the rates were very high in urban areas compared to the rural areas of the State. As in the past a good number of births and deaths of the resident population in rural areas are seen registered in urban areas of the State under Civil Registration System.

Vital rates under Civil Registration System and Sample Registration
System in Kerala (Rural) for the years 1983 to 1991

	Birth	rate	Still bir	rth rate
Year	Civil Registration	Sample Registration	Civil Registration	Sample Registration
1	2	3	4	5
1983	14.3	23.5	3.9	13.5
1984	13.8	23.7	4.9	10.5
1985	14.7	23.2	3.9	13.3
1986	13.5	22.6	2.9	14.0
1987	13.2	21.5	2.9	11.1
1988	13.0	19.9	2.4	11.7
1989	12.6	20.2	3.4	10.6
1990	11.6	19.6	4.5	8.6
1991	10.8	18.4	3.7	6.2

3.18 Rate of marriage per 1000 population and percentage distribution according to age and sex

The rate of marriages and remarriages per 1000 population and percentage distribution of marriages according to age and sex are given in table-32 appended. The highest rate of first marriage (59.3) in the case of female was in the age group 20-24 and that for males (58.9) was the age group 25-29. In the previous year the corresponding rates were 63.8 and 67.6 in the respective age groups.

In the case of females the rate of marriage in the age group 15-19 was the same as in the previous year (31.6) where as the rate was lower by 4.5 in the age group 20-24. Among males the rate of marriages showed a decreasing trend in the age group 15-34, especially for 25-29 group, where the rate decreased from 67.6 to 58.9. Out of the total marriages 2.6 percent marriages were remarriages as against 3.1 percent of the previous year. The mean age of marriage for men was 27.8 and for women 22.3. In the previous year the mean age for men and women were 27.5 and 22.4.

CHAPTER - IV

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MORTALITY MEASURES

4.1 Crude death rate

The number of deaths per 1000 mid year population is taken as the crude death rate. The deaths occurred to the usual residents population were considered for calculating the death rate as was done for birth rate. The crude death rate for the year in Kerala (Rural) was 6.2 as against 6.0 during the previous year. The death rates in northern region was 5.8 and that in southern region was 6.5. The crude birth rate for Kerala (Rural) and all India (Rural) for the year 1983 to 1991 are given in table-Bl below.

TABLE - B1

Crude death rates in Kerala Rural and All India rural for the year 1983 to 1991

Year	Northern region	Southern region	Combined	All India rural
1	2	3	4	5
		一个 一	数点从程序设施	电影响 那些那么
1983	7.2	6.2	6.6	13.1
1984	6.9	6.0	6.4	13.8
1985	6.8	6.4	6.6	13.0
1986	6.0	6.1	6.0	12.2
1987	6.1	6.1	6.1	12.0
1988	6.2	6.3	6.3	12.0
1989	6.0	6.1	6.1	111
1990	5.7	6.2	6.0	10.5
1991	5.8	6.5	6.2	10.6

4.2 Death rates of neighbouring States

The death rates in rural area and rural and urban combined, provisionally for the year 1991 by the Registrar General of India in respect of the neighbouring states and all India are given below in table-B2.

TABLE - B2

Death rates of neighbouring States and All India

Action to	State	Rural	Rural & Urban combined		
1)	Andhra Pradesh	10.5	9.7		
2) 3) 4)	Karnataka Tamil Nadu	9.8	9.0 8.8		
4)	Kerala All India	16.2 10.6	6.0		
S. Tall					

Comparing the death rates in rural areas of the neighbouring states, Andhra Pradesh recorded the highest death rate (10.5) while Kerala recorded the lowest death rate 6.2 for the year.

4.3 Death rate among religions

The death rates among the three major religions viz Hindus, Muslims and Christians are given in table-19 appended.

The lowest death rate was observed among the Christians of the northern region (3.9) where as the highest death rate (7.1) was observed among the Christians of southern region for the rural areas of the State. The corresponding rates in the previous year was 3.5 and 6.2 respectively. When the state as a whole is concerned (rural) the highest birth rate was recorded among Christians (6.6) and the lowest rate was recorded among Muslims (5.2). The death rate changed from 6.5 to 6.4 among Hindus 4.7 to 5.2 among Muslims and 5.7 to 6.6 among Christians when comapred with the rates of previous year.

4.4 Age-Specific death rate

Age specific death rate is the number of deaths in a specific age-group among 1000 persons of that age-group in an year. The age-specific death rates for different age-groups according to region and sex are given in table-21(a) appended. The age-group 70 and above denotes the highest death rate (89.4) and the lowest rate (0.3) in the age group 10-14. In the previous year these rates were 86.4 and 0.4 respectively. Between the two regions the death rate in the age group (70 and above) was comparatively high in the northern region during the current year as well as in the previous year. Similarly the death rate among males (100.5) was higher than the females (80.3) in the same age group. The corresponding rates in the previous year were 91.4 and 82.3 respectively. During 1990 the age-specific death rates in the age group 70 and above for the norther and southern regions were 96.8 and 81.9. When compared with the current year's rates the death rate in the age group 70 and above increased by 10% and in the case of females it decreased by 2%. The death rate among the children below one year was 16.6 as against 16.4 in the previous year. The death rate in the same age group among males and females in the current year were 20.7 and 12.1 respectively where as in the previous year the corresponding rates were 22 and 10.5.

4.5 Infant mortality rate

The infant mortality rate is defined as the estimated number of deaths of children below one year of age out of 1000 live births in an year. The estimated number of infant deaths and infant mortality rates in Kerala (Rural) according to sex and region are given in tabl; 26 appended. The infant mortality rates of Kerala for the year 1983 to 1991 are given below.

Infant mortality rate

1983	1984	1985	1986	1987	1988	1989	1990	1991
38.9	30.1	33.0	28.6	27.0	29.9	23.3	17.1	16.6

The infant mortality rates in northern and southern regions were 20.3 and 13.3 respectively as against 17.9 and 16.3 in the previous year showing a decrease of 2.4 in the northern region and an increase of 3 in the souther region during 1991.

4.6 Neo-Natal mortality rate

Neo-Natal mortality rate is defined as the estimated number of deaths of infants below 28 days of age per 1000 live births in an year During 1991 the Neo-natul mortality rate was 10.0 as against 12.2 of previous year.

4.7 Peri-Natal mortality rate

Peri-natal mortality rate is defined as the estimated number of deaths of infants below 7 days of age per 1000 live births in an year. The peri-natal mortality rate was calculated as 7.2 as against 10.6 in the previous year. The peri-natal, neo-natal and infant mortality rates according to sex and region are given in table-B3 below.

TABLE - B3

Peri-natal, Neo-natal and Infant mortality rate

DAUT GUOT	9-985	STO.	Mo	rtality	Rate	The Parket			
1/ELO) esse	Pe	ri-na	tal	N	eo-nat	al	Infan	t mort	ality
Region	M	F	Total	M	F	Total	M	F	Total
secled gi	2012	3	4 4	5	6	7	8	9	10
Northern	10.5	6.0	8.3	15.5	10.2	12.9	25.5	14.8	20.3
Southern	9.1	3.7	6.3	10.7	4.5	7.4	18.1	8.9	13.3
State 2 14	9.8	4.8	0.7.2	13.1	7.1	10.0	21.8	11.7	16.6

4.8 Distribution of samples according to death rate of each sample

Table 25 appended given the distribution of samples according to death raes for 1991 and for the previous two years. During the year under report 43 samples units of northern region (70.5%) and 53 units of the southern region (59.5%) recorded death rate below 7 where as in the previous year the corresponding rates were 77.1% and 61.8% when all the samples of the state were taken into account 64% of them

recorded death rate below 7. The highest birth rate of 13.1 was recorded by one sample in the northern region. No death was reported from the two samples, one in northern and the other in the southern region.

4.9 Medical attention received before death

The percentage distribution of deaths according to medical attention received before death during the year 1983 to 1991 are given in table-B4 below:

Percentage distribution of deaths recording to type of medical attention received for the years 1983 to 1991

Year	Institu- tional	Qualified medical practioner	Unqualified medical practioner	None
1 300	2	3	4 - 101	5.00
	16 3/2 3/	26	13	15
1983	46	24	8	22
1984	46	23	11	17
1985	49		6	18
1986	49	27	7	18
1987	47	28		19
1988	42	32		20
1989	43	31	6	
1990	47	36	7	10
1991	45	35	5 001 0	15

It can be seen that about 85% of the persons were received some kind of attention before death in the current year where as the corresponding percentage was 90 during the previous year.

4.10 Comparison of mortality rates under Civil Registration System and Sample Registration System for the years from 1983 to 1991

	Death	Rate	Infant Mort	tality Rate
Year	Civil Registration	Sample Registration	Civil Registration	Sample Registration
1	2	3	4	5
	No. of the last of	6 6	11.3	38.9
1983	3.6	6.6	9.1	30.1
1984	3.6	6.4		33.0
1985	4.0	6.6	9.1	28.6
1986	3.9	6.0	8.0	AND THE RESERVE OF THE PARTY OF
1987	4.0	6.1	8.1	27.0
1988	4.1	6.3	7.3	29.9
	4.2	6.1	8.2	23.3
1989	4.1	6.0	8.1	17.1
1990 1991	4.1	6.2	7.5	16.6

As in the previous years the vital rates ie death rate and infant mortality rate - estimated under civil registration system are seen less than that of the rates arrived through sample registration system. The low mortality rate under Civil Registration System may be due to the fact that a considerable number of brths and deaths of the resident population in rural areas are registered in urban areas where they seek better medical facilities.

4.11 Expectation of life based on age specific death rates for the last three years

Expectation of life in different age group is calculated in the life tables - Table No.33, 34 and 35 appended to this report. The life tables were prepared sex-wise and population wise separately based on age specific death rates for the years 1989, 1990 and 1991. The expectation of life at birth for males, females and for both sex together were calculated as 68.1, 74.7 and 71.3 as against 67.9, 74.7 and 71.1 respectively in the previous year. Expectation of life of females is seen always higher than that of males. The difference in expectation of life between male and female was 6.6 in the current year and 6.8 in the previous year. The expectation of life calculated for the last nine years are given in table-B6 below:

TABLE - B6

Expectation of life based on age specific death rates for the years 1983 to 1991

Age specific death		THE RESERVE OF THE PERSON OF T	Males and
rates for the years	Males	Females	females together
	2	3	4
1981, 1982, 1983	66.0	71.8	68.8
1982, 1983, 1984	66.5	73.4	69.7
1983, 1984, 1985	65.7	72.5	68.9
1984, 1985, 1986	66.9	72.8	69.7
1985, 1986, 1987	67.1	73.1	70.1
1986, 1987, 1988	67.0	73.5	70.2
1987, 1988, 1989	67.6	73.9	70.6
1988, 1989, 1990	67.9	74.7	71.1
1989, 1990, 1991	68.1	74.7	71.3

Method adopted for calculation of life tables

mx = Total of age specific death rates for the last 3 years

qo = D1 + D2 Where D1 is the number of deaths of children born during the previous year and died during the current year and D2 is that of the children born and died during the current year. B1 and B2 denote the total number of births occurred during the previous year and current year respectively.

 $qx = \frac{2 \times cx \times mx}{2 + cx \times mx}$ where 'c' is the class interval

Let lo be 100000

 $\ell x = \ell o - do$

 $dx = \ell x x q x$

Let d 70 = 1 70

 $Lo = 6 \times lo + (l - 6) l1 \text{ where } 6 = \frac{D1}{D1 + D2}$

 $Lx = \underbrace{\ell x + \ell x + 1}_{2} \times C$

 $L70 = \frac{d70}{m70}$

Let L70 be T70

T(70-1) = T70 + L(70-1)

Expectation of life $Ex = \frac{Tx}{\ell x}$.

TABLE - 1
Mid-year Estimated Population, Births, Deaths and Vital Rates - 1991

WEST WILL TOTAL	Estimated population, births & deaths						Vital rates			
STRATUM	Population	Births	Deaths	Still births	Infant deaths	Birth rate	Death rate	Still birth rate	Infant death rate	
1 / 1/2	2	3	4	5	6	7	8	9	10	
I-A	35123	756	151	er de	50	21.52	4.30		66.14	
I-B	195202	3900	1560	111	223	19.98	8.00	27.67	57.18	
I-C	932207	21925	4753		485	23.52	5.10		22.12	
I-D	8793205	178714	51462	2297	3402	20.32	5.85	12.69	19.04	
Northern Region	9955737	205295	57926	2408	4160	20.62	5.82	11.59	20.26	
II-A	109898	2799	122			25.47	1.11			
II-B	335091	4930	2380	170	M.B.	14.71	7.10	33.33		
II-C	1462318	26266	9758	91	91	17.96	6.67	3.45	3.46	
II-D	11499568	189772	74444	1656	2877	16.50	6.47	8.65	15.16	
Southern Region	13406875	223767	86704	1917	2968	16.69	6.47	8.49	13.26	
STATE	23362612	429062	144630	4325	7128	18.37	6.19	9.98	16.61	

STRATUM	Observed po	pulation in each stratum		population h stratum
SIRAIUT	1-7-91	1-1-92	1-7-91	1-1-92
1	2	3	4	5
I-A	697	698	35123	35174 .
I-B	, 1752	1723	195202	191971
I-C	9609	9628	932207	934050
I-D	103375	102883	8793205	8751354
Northern Region	115433	114932	9955737	9912549
II-A	903	914	109898	111236
II-B	1971	1985	335091	337471
II-C	16034	16018	1462318	1460859
II-D	131919	131690	11499568	11479605
Southern Region	150827	150607	13406875	13389171
STATE	266260	265539	23362612	23301720

TABLE - 3
Stratum-wise Population according to Sex

THE RESIDENCE OF THE	Obser	ved popu	lation	Estin	nated popu	lation
STRATUM	Male	Female	Total	Male	Female	Total
	2	3	4	5	6	7
I-A	342	355	697	17234	,17889	35123
I-B	850	902	1752	94704	100498	195202
I-C	4610	4999	9609	447234	484973	932207
I-D	50127	53248	103375	4263865	4529340	8793205
Northern Region	55929	59504	115433	4823037	5132700	9955737
II-A	457	446	903	55619	54279	109898
II-B	954	1017	1971	162190	172901	335091
II-C	7807	8227	16034	712006	750312	1462318
II-D	64280	67639	131919	5603380	5896188	11499568
Southern Region	73498	77329	150827	6533195	6873680	13406875
STATE	129427	136833	266260	11356232	12006380	23362612

TABLE - 4

Mid-year Sample Population and Estimated Population according to 1991

Character	Observ	red popul	ation	Esti	mated popu	lation
Stratum	Male	Female	Total	Male	Female	Total
Age group	2	3	4	5	6	7
1		2386	4906	221182	209632	430814
0 - 1	2520	10708	21736	964188	936946	1901134
1 - 4	11028		25999	1142892	1132648	2275540
5 - 9	13049	12950	27166	1212658	1167834	2380492
10 - 14	13842	13324	27794	1216159	1218581	2434740
15 - 19	13888	13906	29026	1156240	1390842	2547082
20 - 24	13162	15864		1031237	1139400	2170637
25 - 29	11737	12983	24720	882654	931386	1814040
30 - 34	10058	10610	20668	734569	771509	1506078
35 - 39	8382	8792	17174		647917	1251218
40 - 44	6858	7365	14223	603301		1017551
45 - 49	5640	5940	11580	496164	521387	911355
50 - 54	4932	5420	10352	433518	477837	809958
55 - 59	4301	4914	9215	378221	431737	The state of the s
60 - 64	3521	3816	7337	310248	336001	646249
65 - 69	2662	3194	5856	233930	281223	515153
70 & above	3847	4661	8508	339071	411500	750571
TOTAL	129427	136833	266260	11356232	12006380	23362612

TABLE - 5

Sex ratio and percentage distribution of population by age group (years 1989, 1990, 1991)

		(years r	Maria Maria Carril VIII WY STATE	1000 B (1000 B)				
		1989	19	990		991		
Ago group	Sex	%age po-	Sex	%age po-	Sex	%age po-		
Age group	ratio	pulation	ratio	pulation	ratio	pulation		
1	2	3	4	5	6	74		
	951	10.3	956	10.3	967	10.0		
0 - 4	983	10.1	989	10.0	991	9.7		
5 - 9	976	10.6	972	10.5	963	10.2		
10 - 14	(970)	(31.0)	(972)	(30.8)	(974)	(30.0)		
(0 - 14)	THE RESERVE OF THE PARTY OF THE	11.1	997	10.8	1002	10.4		
15 - 19	1006	11.0	1207	11.0	1203	10.9		
20 - 24	1217	9.1	1086	9.2	1105	9.3		
25 - 29	1073	7.3	1070	7.5	1055	7.8		
30 - 34	1083		1050	6.1	1050	6.4		
35 - 39	1038	5.9	1087	5.1	1074	5.4		
40 - 44	1100	5.1	1057	4.2	1051	4.3		
45 - 49	1065	4.2	1100	4.0	1102	3.9		
50 - 54	1088	4.0	1110	3.4	1142	3.5		
55 - 59	1108	3.3	1077	2.7	1083	2.8		
60 - 64	1093	2.8		2.2	1202	2.2		
65 - 69	1138	2.2	1169		1214	3.2		
70 & above	1291	3.0	1256	3.0	1057	100.0		
A11	1056	100.0	1055	100.0	1037	100.0		

TABLE - 6

Region-wise Sample Population and Estimated Population for each Stratum - 1991

	7 75	Observed	population		7	Estimated	populatio	n
STRATUM	Hindu	Muslim	Christian	Total	Hindu	Muslim	Christian	Tota
1 / 1	2	3	4	5	6	7	8	9
TARRETT	200	100		Samo			1	
I-A	389	118	190	697	19603	5946	9574	35123
I-B	1293	447	12	1752	144062	49803	1337	195202
I-C	4824	4354	431	9609	467995	422399	41813	932207
I-D	59461	34851	9063	103375	5057826	2964469	770910	8793209
Northern Region	65967	39770	9696	115433	5689486	3442617	823634	9955737
II-A	116	11	776	903	14118	1339	94441	109898
II-B	1124		847	1971	191092	Mark P	143999	335091
II-C	8221	1259	6554	16034	749764	114822	597732	1462318
II-D	77572	15748	38599	131919	6762062	1372776	3364730	11499568
Southern Region	87033	17018 -	46776	150827	7717036	1488937	4200902	13406875
STATE	153000	56788	56472	266260	13406522	4931554	5024536	23362612

TABLE - 7

Stratum-wise Live Births observed in Samples and estimated according to Sex - 1991

B/94 1918	Obser	ved in s	amples		Estimate	d
STRATUM	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7
I-A	11	4	15	554	202	756
I-B	16	19	35	1783	2117	3900
I-C	119	107	226	11545	10380	21925
I-D	1064	1037	2101	90505	88209	178714
Northern region	1210	1167	2377	104387	100908	205295
II-A	8	15	23	974	1825	2799
II-B	10	19	29	1700	3230	4930
II-C	141	147	288	12859	13407	26266
II-D	1042	1135	2177	90832	98940	189772
Southern Region	1201	1316	2517	106365	117402	223767
STATE	2411	2483	4894	210752	218310	429062

TABLE - 8

Estimated number of total Women and Live Births in different age groups - 1991

THE RESIDENCE OF THE PARTY OF T	TOTAL T	TO COLO HIND	A	ge group	of wome	n	75 1976 VISA	
all dan	15-19	20-24	25-29	30-34	35-39	40-44	45-49	Total
Religion	2	3	4	5	6	7	8	9
A PROPERTY OF THE PARTY OF THE	10 10 10 10 10 10 10 10 10 10 10 10 10 1		4		2			
A.Estimated No.of 1	Total wor	nen						
1.Northern Region	559063	578218	455190	375392	308493	254425	215569	2746350
2.Southern Region	659518	812624	684210	555994	463016	393492	305818	3874672
STATE	1218581	1390842	1139400	931386	771509	647917	521387	6621022
	2							
B.Estimated No.of	married	women						
1.Northern Region	90223	356304	368960	316532	259106	202281	155000	1748406
2.Southern Region	28992	367488	533415	492497	409813	338795	248593	2419593
STATE	119215	723792	902375	809029	668919	541076	403593	4167999
reserved of		A 100 TO		corlect				
C.Estimated No.of	live bi	rths		The area				
1.Northern Region	22696	93811	59236	19453	7608	2236	255	205295
2. Southern Region	7946	103108	83423	24478	4027	785	PE 35	223767
STATE (All births		196919	142659	43931	11635	3021	255	429062
STATE (Female births)	15054	98325	74509	22375	6226	1821		218310

<u>TABLE - 9</u>

Distribution of currently married women observed according to age of mother, religion and number of children ever born - 1991

	Number of children ever born												
Age group	Reli	172	A CONTRACTOR	Number	01 61	HILLIT	en eve	7 and					
age group	gion	1	2	3	4	5	6	above	Total				
1	2	3	4	5	6	7	8	9	10				
	Lists Serve				table leader	50000							
	Н	126	13		Mary 1			Labor -	139				
15-19	M	176	22	1	1				200				
	C	12	100	1		100			13				
				100									
	H	785	383	57	8				1233				
20-24	M	271	248	98	28	3			648				
	C	236	103	11	2				352				
					PART WAR								
State I state	H	315	371	124	25	5	2		842				
25-29	M	47	90	136	62	22	14	16/11/63	374				
	C	175	193	46	3				417				
Acason are	H	62	97	1.6	10	4		1	229				
30-34	M M	16	11	46 27	19 35		16	21	147				
30-34	C	29	56	41	2	21	10	21	128				
		23	30			V40 300		TO THE REAL PROPERTY OF THE	120				
	Н	9	12	12	4	2	1	2	42				
35-39	M		13	7	5	11	11	17	70				
STATE OF THE STATE	C	6 3	11	10	1	1	1 PA		25				
				1847 S	1000								
	Н	4	2	1	6	2	A COLUMN	2	17				
40-44	M	Sale of	1	1		2 3	2	8	15				
	C		10.35	THE PARTY OF THE P	- More		1		1				
The second second	Н		HILL	1					1				
45-49	М		-		1				1				
	C				-								
							100210						

Distribution of currently married women observed according to age of mother, religion and number of children surviving - 1991

THE WORLDS	0.44	100	N	umber	of ch	ildren	sur	viving	
Age group	Reli-							7 and	Total
	gion	1	2 4	<u>3</u>	4	5	8	above	10
1	2	3	4	5	6	7	8	9	10
ample of the state of		No. of Parties							139
	Н	129	10	-					200
15-19	M	178	20	2					13
	C	12	1	1					13
	Н	786	376	63	8				1233
20-24	M	266	256	97	27	2			648
20 24	C	251	89	11	1				352
0.周阳 美发			en like	15 AL 1500				2	0/2
	H	298	374	139	24	5	2		842
25-29	M	47	98	135	57	23	11	3	374
The state of the s	C	175	193	46	3		1	-	417
	Н	61	101	45	17	4		1	229
30-34	M	22	12	23	37	23	13	17	147
30-34	C	26	55	45	2				128
					Ser.			1	
	Н	8	14	11	4	2	2	1	42
35-39	M	11	11	5	6	11	10	16	70 24
	C	7	8	9					24
	Н	6	2		6	2		1	17
40-44	M	2	ALERIA Z	1	1	2 3	3	6	16
40-44	C	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1000		1				1
	A F Spile 15 Back							1	
	Н			1					1
45-49	M		1						1
THE RESERVE	C								

TABLE - 11

Distribution of currently married women observed in sample according to age of mother and age of the last child - 1991

7 2 2 2 7	0-14	15-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	Total
1	2	3	4	5	6	7 7	8	9	10	11
H SEA	000					看的				352
15-19	323	23	6				1			2233
20-24	1213	565	290	110	51	1	3			
25-29	527	442	342	177	96	29	9	3	8	1633
30-34	116	103	81	71	37	37	36	10	13	504
35-39	17	19	28	22	8	15	11	4	13	137
40-44	5		7	3	3	3	4	1	3	35

TABLE - 12

Age specific fertility rate, age specific marital fertility rate, GFR, TFR & GRR - 1991

				Age gi	roup of	women		
	Control of the Contro	15-19	20-24	25-29	30-34	35-39	40-44	45-49
22.10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.2	3	4	5	6	7	8
(A) Ag	e specific fertility rat	e		1	Contract of			
State of the last	. Northern Region	40.60	162.24	130.13	51.82	24.66	8.79	1.18
II	. Southern Region	12.85	126.89	121.93	44.03	8.90	1.99	-
	State (all births)	25.15	141.59	125.21	47.47	15.08	4.67	0.49
	State (Female births)	12.35	70.69	65.39	24.02	8.07	2.81	-
B) Age	e specific morital ferti	lity rate	e The					
I	. Northern Region	251.56	263.29	160.55	61.46	29.37	11.0	1.65
II	. Southern Region	274.08	280.58	156.40	49.71	9.83	2.32	422
	State (all births)	257.04	272.07	158.10	54.30	17.40	5.59	0.6
	I. NORT	HERN REG	ION	II. SOUT	THERN REC	GION		STATE
	G.F.R.	74.8			57.8	All TO LO		64.8
	T.F.R.	2.09			1.58			1.79
	G.R.R.							0.9
Z EL		TENT IN	S Me-sale					1921

TABLE - 13

Live births observed in samples classified by month of occurence - 1991

	Number of live births reported from samples												
Stratum	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
20 - C 1	2	3	4	5	6	7	8	9	10	11	12	13	14
		W. Park	-	ALDERS.	776	7,10	ados.				大阪	N. Life	4)
I-A	-2	3		- 1		1	1	1	Table 1	2	2	2	15
I-B	3	2	6	3	5	4	2	2	2	1	4	1	35
Tec	18	16	24	32	18	15	21	20	15	14	19	14	226
I-D	170	182	194	168	183	188	198	184	152	146	175	161	2101
Northern Region	193	203	224	204	206	208	222	207	169	163	200	178	2377
II-A	2		4	2	2	3	1		2	2	2	3	23
II-B	4	2	3.	2	4	2	4	4	2	1	1		29
II-C	24	14	22	26	28	33	15	24	31	22	34	15	288
II-D	195	162	204	198	233	179	177	182	185	140	158	174	2177
Southern Region	225	178	233	228	257	217	197	210	220	165	195	192	2517
KERALA	418	381	457	432	463	425	419	417	389	328	395	370	4894

TABLE - 14

Live births observed in samples by type of medical attention at delivery - 1991

The state of the s	· 与 · · · · · · · · · · · · · · · · · ·	Туре	of medica	1 attention		
Stratum	Institu-	Trained	Untrained	Non-pro-	Not	Almost Call
	tional	profes-	profes-	fessional	stated	Total
世中18·林蒙古地名18	ALL PARTY AND	sional	sional		A STREET	
1	2	3	4	5	6	7
THE PERSON	Farmers Assessed	一 を	17 工程基本的	· 阿拉斯斯斯 4/3/19	FARE SHIP IN	200
I-A	15					15
I-B	26	-	5 11	4		35
I-C	179	33	11	3	-	226
I-D	1745	86	216	48	6	2101
Northern Region	1965	119	232	55	6	2377
II-A	23		J. 1 (40 - 40 to 120)		2000年 30位	23
II-B	29		A STATE OF THE PARTY OF THE PAR			29
II-C	279	9	为 不可能的		THE PARTY NAMED IN	288
II-D	2164	5	6	2		2177
Southern Region	2495	14	6	2		2517
State	4460	133	238	57	6	4894
THE RESERVE OF THE PERSON OF T	the state of the s	New Williams	THE PERSON NAMED IN			

TABLE - 15

Percentage distribution of births by age of mother and order of birth of child - 1991

Age		选择作用			Order	of bir	ths	第一个第二位		No to the N	THE RESERVE OF
group	1	2	3	4	5	6	7	8	9	10	Total
1/4	2	3	4	5	6	7	8	9	10	11	12
15-19	87.5	12.5				州外外			Washington of the Control of the Con		100
20-24	53.1	38.4	7.0	1.3	0.2						100
25-29	34.0	45.4	12.4	5.3	1.7	0.8	0.4	40		_	100
30-34	18.0	37.8	19.8	12.2	5.4	3.3	1.5	2.0			100
35-39	13.9	29.0	16.5	7.8	7.8	11.3	6.0	3.5	3.4	0.8	100
40-44	21.2	15.1	15.1	12.1	9.0	6.0	9.0		9.0	3.5	100
45-49	20.0	20.0			20.0		想福信	20.0		20.0	100
A11			4000	44							
Ages	44.4	38.4	9.9	. 3.9	1.5	0.9	0.4	0.3	0.2	0.1	100

TABLE - 16

Distribution of samples according to birth rate of each sample

	Nort	hern	Sout	hern	10.00	450	- Company of the last of the l	ATE	- September	000
Birth rate	Res	gion	Res	gion	1	991	1	990		989
British Company	No.	7/	No.	%	No.	%	No.	%	No.	%
and the second s	2	3	4	5	6	111. 7 0	8	9	10	11
	450	THE ME	TER	CONTRACTOR OF THE PARTY OF THE	4.80					, 0
Less than 12		BIRG IS	11	12.4	11	7.4	5	3.3	6	4.0
12 & less than 16	15	24.6	28	31.5	43	28.7	30	20.0	24	16.0
	18	29.5	29	32.6	47	31.3	55	36.7	53	35.3
16 & less than 20	CONTRACTOR OF	经过加加利益	19	21.3	29	19.3	38	25.3	34	22.7
20 & less than 24	10	16.4	19	0.000	359	6.0	14	9.3	17	11.3
24 & less than 28	8	13.1	200	1.1	Sec. of the second	AND DESCRIPTION OF THE PARTY OF	AND THE	2.7	9	6.0
28 & less than 32	5	8.2			5	3.3	4	- NO. 25 (1)	- 1	2.7
32 & less than 36	5	8.2	1	1.1	6	4.0	3	2.0	4	THE CONTRACTOR
36 & less than 40	1	学校	The last of the la		COSE	- 403	151	0.7	3	2.0
40 & less than 44			TAN DE		223		4 1			
44 and above			15-		19		ALTO.	-		100 0
Total	61	100.0	89	100.0	150	100.0	150	100.0	150	100.0
IULAL					対点			NAME OF T		

Still births observed in samples and estimated according to sex and still birth rates - 1991

TABLE -17

	Still births observed			Still births estimated			Total es- timated	Still birth
Stratum	Male	Female		Male	Female	Total	No.of live bi- rths and still	rate
	-						births	9
Date 1 再 独演	2	3	4	5	6	7	8	
		THE PERSON NAMED IN		H. F. T.	Fit w	332	756	
I-A					111	111	4011	27.67
I-B			A STATE OF		The state of	1794576	461-01-	
I-C I-D	12	15	27	1021	1276	2297	181011	12.69
Northern Region	12	16	28	1021	1387	2408	207703	11.59
II-A					沙里		2799	
II-B	1		1	170	-	170	5100	33.33
II-C	1		1	91	-	91	26357	3.45
II-D	7	12	19	610	1046	1656	191428	8.65
Southern Region	9	12	21	871	1046	1917	225684	8.49 9.98
State	21	28	49	1892	2433	4325	433387	7.90

TABLE - 18
Estimated number of Religion-wise Population Births Deaths

Estimated number of Religion-wise Population, Births, Deaths and Birth and Death rates - 1991

		Hindu	Muslim	Christian	Total
	The second of th	2	3	4	5
	Estimated population			PHAN METER	
	Northern Region	5689486	3442617	823634	9955737
	Southern Region	7717036	1488937	4200902	13406875
	State	13406522	4931554	THE RESERVE AND PERSONS ASSESSMENT AND PARTY OF THE PARTY	23362612
TT	Estimated births	15400322		2502-1550	THE PROPERTY OF
	Northern Region	93379	983341	13159	205295
	Southern Region	124239	29648	70317	223767
A STATE OF THE PARTY OF THE PAR	State	217618	127989	83476	429062
III.	Estimated deaths	學。但即使用言語	AND DESCRIPTION OF THE PARTY OF		
121114	Northern Region	36768	17573	3499	57926
	Southern Region	48772	8123	29897	86704
Wideland !	State	85540	25696	33396	144630
	Birth rate	和开作的最后就是到			
	Northern Region	16.75	28.22	15.58	20.62
	Southern Region	16.11	19.56	16.74	16.69
	State	16.38	25.60	16.55	18.37
	Death rate			THE PERSON NAMED IN	
ON THE PARTY	Northern Region	6.52	5.10	3.94	5.82
	Southern Region	6.34	5.28	7.12	6.47
	State	6.42	5.15	6.60	6.19
party chief				建筑设置	make the same of t

TABLE - 19

Religion-wise Birth and Death rate - 1991

Stratum	Bir	th rate		Death rate				
	Northern	Southern	TOTAL BANK	Northern	Southern	Landan		
1000年出版語	Region	Region	State	Region	Region	State		
1 4	2	3	4	5	6	7		
444		AND THE		THE PARTY				
Hindu	16.75	16.11	16.38	6.52	6.34	6.42		
Muslim	28.22	19.56	25.60	5,10	5.28	5.15		
Christian	15.58	16.74	16.55	3,94	7.12	6.60		
Total	20.62	16.69	18.37	5.82	6.47	6.19		

Stratum-wise Deaths observed in samples and estimated according to Sex - 1991

THE REAL PROPERTY.	Dea	th observ	ed in	Estimated				
	對學是逐步	samples	TO 00 3 5 5	No.of death				
Stratum	Male	Female	Total	Male	Female	Total		
1 - 7	2	3	4	5	6	7		
I-A	2		3	101	50	151		
I-B	2 9	5	14	1003	557	1560		
I-C	28	- 21	49	2716	2037	4753		
I-D	362	243	605	30792	20670	51462		
Northern Region	401	270	671	34612	23314	57926		
II-A			1	122	THE REAL PROPERTY.	122		
II-B	8	6	14	1360	1020	2380		
II-C	54	53	107	4925	4833	9758		
II-D	466	388	854	40622	33822	74444		
Southern Region	529	447	976	47029	39675	86704		
State	930	717	1647	81641	62989	144630		

TABLE - 21(a)

Distribution of death observed in samples according to age and sex - 1991

100 4 60 372	Nort	Northern region Fe-			Southern region Fe-			State		
Age group								Fe-		
S S MICE S TO	Male	male	Total	Male	male	Total	Male	male	Total	
1 4	2	3	4	5	6	7	8	9	10	
Below 1	31	17	48	22	12	34	53	29	82	
1 - 4	15	3	18	9	8	17	24	11	35	
5 - 9	6	1 2	8	4	2	6	10	4	14	
10 - 14	- 3	€ 3	6	0	3	3	3	6	9	
15 - 19	9	5	14	7	6	13	16	11	27	
20 - 24	7	5 9 5	16	11	5	16	18	14	32	
25 - 29	10	5	15	9	9	18	19	14	33	
30 - 34	10	10	20	9	9	18	19	19	38	
35 - 39	6	4	10	8	16	24	14	20	34	
40 - 44	12	6	18	13	8	21	25	14	39	
45 - 49	16	8	24	20	10	30	36	18	54	
50 - 54	27	11	38	-30	17	47	57	28	85	
55 - 59	35	15	50	49	19	68	84	34	118	
60 - 64	24	30	54	52	18	70	76	48	124	
65 - 69	43	31	75	47	41	88	90	72	162	
70 & above	148	110	258	239	264	503	387	374	761	
Total	402	269	671	529	447	976	931	716	1647	

TABLE - 21(b)

Distribution of estimated deaths according to age and sex - 1991

	Nont	hern Reg	ion	Sout	hern Reg	gion		State	1300000
	(ii)	Female	Total	Male		Total	Male	Female	Total
Age group	Male 2	3	4	5	6	7	8	9	10
THE RESERVE TO SERVE THE PARTY OF THE PARTY					1046	2968	4587	2543	7130
Less than 1	2665	1497	4162	1922		1490	2072	961	3033
1 - 4	1288	255	1543	784	706	TO FORM BRIDE	859	356	1215
5 - 9	510	182	692	349	174	523		520	801
10 - 14	281	255	536		265	265	281	948	2362
15 - 19	804	425	1229	610	523	1133	1414	TO THE REAL PROPERTY.	2788
20 - 24	595	790	1385	963	440	1403	1558	1230	STREET STATE OF
25 - 29	929	437	1366	785	788	1573	1714	1225	2939
建 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	863	851	1714	788	788	1576	1651	1639	3290
東江語·思·思·	488	340	828	697	1399	2096	1185	1739	2924
35 - 39	1033	522	1555	1137	697	1834	2170	1219	3389
40 - 44	The state of the state of	693	2066	1751	962	2713	3124	1655	4779
45 - 49	1373	936	3245	2706	1490	4196	5015	2426	7441
50 - 54	2309	在一点的时间	4277	4367	1664	6031	7368	2940	10308
55 - 59	3001	1276	PER STATE OF THE S	4645	1589	在147世份增加	6749	4212	10961
60 - 64	2104	The state of the s	4727	A 2 4	3607	107 日本東京大阪	7897	6247	14144
65 - 69	3705	20 MM 10 10 10 10 10 10 10 10 10 10 10 10 10	6345	4192	世		34082	D // / / / / / / / / / / / / / / / / /	67126
70 & above	12749	THE RESERVE TO SERVE	22256	21333	STATE OF THE PERSON NAMED IN	ALC: N. P. STATE OF	81726	56 工程设计学 500	144630
A11	34697	23229	57926	47029	39675	86704	81720		DESCRIPTION OF THE PERSON NAMED IN COLUMN

TABLE - 22

Age specific death rates based on estimated values - 1991

The state of the s	Northern	Southern	· · · · · · · · · · · · · · · · · · ·	State	新疆人中间。
	Region	Region	Total	Male	Female
Age group	Region 2	3	4	5	6
	Z	THE RESERVE OF THE RE	THE PARTY NAMED IN	4	(A)
Less than 1	20.96	12.78	16.55	20.74	12.13
2000年1月 1000年10日 100	1.62	1.57	1.60	2.15	1.03
1 - 4	0.61	0.46	0.53	0.75	0.31
10 - 14	0.47	0.21	0.34	0.23	0.45
THE RESERVE OF THE PARTY OF THE	1.11	0.86	0.97	1.16	0.78
利用などのできまりをは、 一種が関いた	1.30	0.95	1.09	1.35	0.88
20 - 24	1.57	1.21	1.35	1.66	1.08
25 - 29	2.40	1.43	1.81	1.87	1.76
30 - 34	1.41	2.28	1.94	1.61	2.25
35 - 39	3.18	2.41	2.71	3.60	1.88
40 - 44	5.08	4.44	4.70	6.30	3.17
45 - 49	9.26	7.48	8.16	11.57	5.08
50 - 54	14.10	11.91	12.73	19.48	6.81
55 - 59	20.48	15.01	16.96	21.75	12.54
60 - 64	35.19	23.29	27.46	33.76	22.21
65 - 69	99.05	85.32	89.43	100.52	80.30
70 & above	5.82	6.47	6.19	7.20	5.24
All ages	3.02		10. 电影和学		THE RESERVE AND ADDRESS.

TABLE - 23

Deaths observed in samples classfied by month of occurrence - 1991

Stratum	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
TELEFAN STATES					No. of London	海岛區		MHM.		PER LA	193.00%	THE R	Design of the last
I-A		364	A L		-	2	1	-			104		3
I-B	2		2	1	2	1	1	1 1000	2	1	1	i	14
I-C	2	2	4	2	11	3	4	3	5	6	7		49
I-D	58	34	50	50	57	60	52	56	43	34	45	66	605
Northern Region	62	36	56	53	70	66	58	59	50	41		1000 300 30	
II-A		建构造	1/18		ALC:	00	30	33	50		53	67	671
II-B		自動物	2	2	1	10 100				動型	無路	MARKE A	134
II-C	7			22 A F (1) E (1)	0.000	100			2	2	1000	2	14
	- SHALE!	5	3	4	11	12	10	9	7	9	13	17	107
II-D	64	55	74	62	59	83	89	85	71	60	85	67	854
Southern Region	72	61	79	68	71	96	99	94	80	71	99	86	976
State	134	97	135	121	141	162	157	153	130	112	152	153	1647

TABLE - 24

Deaths classified by type of medical attention - 1991

		Type of Medica	1 attention		
Stratum	Insti-	Qualified	Unqualified	No	Total
	tutio-	medica1	medical	treat-	
The second secon	na1	practitioner	practitioner	ment	
1	2	3	4	5	6
I-A		OF SERVICE	では、後になる はいからない	Witness Co.	
I-B		自己的	2		3
	5			2	14
I-C	15	18	13	3	49
I-D	231	203	27	144	605
Northern Region	252	228	42	149	671
II-A		11111			0/1
II-B	5	8		#35000	14
II-C	43	46	5	13	14
II-D	439	291	28		107
Southern Region	487	346	COURT TO STATE OF THE STATE OF	96	854
State	739		33	110	976
JLALE	139	574	75	259	1647

TABLE - 25
Distribution of samples according to death rate of each sample

		BENT YOU					Sta	te		W 50 5
Death rate	Northern Region		Souther	Southern Region		1991		90	1989	
1	No.	%	No.	%	No.	%	No.	%	No.	%
	2	3	4	5	6	7	8	9	10	11
Less than 1	1	1.6	1	1.1	2	1.3		-	-	_
THE RESERVE AND THE PROPERTY OF THE PARTY OF	3	4.9	7	7.9	10	6.7	15	10.0	6	4.0
THE RESERVE OF THE PARTY OF	21	34.5	15	16.8	36	24.0	37	24.7	21	14.0
	18	29.5	30	33.7	48	32.0	50	33.3	76	50.7
STATE OF THE PARTY	12	19.7	24	27.0	36	24.0	32	21.3	30	20.0
7 & less than 9	12	6.6	12	13.5	16	10.6	12	8.0	12	8.0
9 & less than 11	是 語	1.6			1	0.7	2	1.3	4	2.7
11 & less than 13		1.6			1	0.7	1	0.7	1	0.6
13 & less than 15		1.0					1	0.7	-	
15 and above Total	61	100.0	89	100.0	150	100.0	150	100.0	150	100.

TABLE - 26

Infant deaths observed and estimated according to sex and infant mortality rate - 1991

		Infant deaths observed			Infant deaths estimated			imated 1 births	ive	Infant mortality rate		
Stratum	Male	Fe- male	To- tal	Male	Fe- male	Tota1	Male	Female	Total	Male	Female	Total
	2	3	4	5	6	7	8	9	10	11	. 12	13
I-A				50		50	554	202	756	90.25		66.14
1-B		1	2	111	112	223	1783	2117	3900	62.25	52.90	57.18
I-C	3	2	5	291	194	485	11642	10283	21925	25.00	18.87	22.12
I-D	26	14	40	2211	1191	3402	90505	88209	178714	24.43	13.50	19.04
Northern Region	31	17	48	2663	1497	4160	104484	100811	205295	25.49	14.85	20.26
II-A		Marine Service	TO AN OWNER				974 1700	1825 3230	4930			
II-B	96-		Si	91		91	12859	13407	26266	7.07		3.46
II-C	21	12	33	1831	1046	2877	90832	98940	189772	20.16	10.57	15.16
II-D	22	12	34	1922	1046	2968	106365	117402	223767	18.07	8.91	13.26
Southern Region State	53	29	82		2543	7128	210849	218213	429062	21.75	11.65	16.6

TABLE - 27

Number of Infant deaths observed in samples of children born during the current year and previous year

	-30-
than 7 Less than 28 Less than 1 days days year F T M F T M F T 12 13 14 15 16 17 18 19	1 1 - 1 1 - 1 3 2 1 3 2 2 4 16 15 11 26 24 13 37 20 18 12 30 27 15 42
Less than 28 Less than 1 Less than days M F T M F T M F T A F T 5 6 7 8 9 10 11 12 13	- 1 1 2 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1
Less than 7 Less days C M F T M 2 3 4 5	
Stratum	I-A I-B I-C I-D Northern Region II-A II-B II-C II-D Southern Region State

TABLE - 28

Estimated number of Infant death for the year 1991 of children born during the current year and previous year

year T	388 3147 3585	91 2267 2358 5943
than 1 F 18	194 1106 1300	785 785 2085
Less M	50 - 194 2041 2285	91 1482 1573 3858
991 days T T	50 291 2212 2553	91 1569 1660 4213
Born in 1991 s than 28 days M F T 14 15 16	97 936 1033	523 523 1556
Less 1	50 - 194 1276 1520	91 1046 1137 2667
days T	50 - 291 1361 1702	1308 1399 3101
than 7 F	97 97 607	1043
Less 11	50 194 851 1095	91 872 963 2058
year T	224 97 255 576	
than 1 F	1112 - 2 - 85 197	262 262 453
Less M	112 97 170 379	349 349 728
n 1990 n 28 days F T		7
n in 1990 than 28 d F		
Born i Less tha M	- 1.66	
days T		
Less than 7 days M F T		
Less		
	gion	91on
Stratum	I-A I-B I-C I-C I-D	II-B II-C II-D rthern Regi
		The south

400

TABLE - 29

Estimated number of Perinatal, Neonatal and Infant deaths according to sex - 1991

Stratum	Les	s than 7			mber of than 28			s than 1	year
	Male	Female		-	Female	The second secon	Male	CONTRACTOR OF THE PARTY OF THE	Total
1	2	3	4	5	6	7	8	9	10
Î	1095	607	1702	1617	1033	2650	2664	1497	4161
II	963	436	1399	1137	523	1660	1922	1047	2969
Total	2058	1043	3101	2754	1556	4310	4586	2544	7130

TABLE - 30

Births and Deaths detected through overlapping survey and intensive enquiry classified according to place and type of births and deaths - 1991

	No. of the	RESPONDED TO	Bir	th				Dea	ths	
Stratum	To- Place		Ki	To-	Place		Kind			
	tal			Live	Still	tal			Infant	Others
		In	Out	birth	birth		In	Out	death	death
	. 2	3	4	5	6	7	8	9	10	11
						15.26	松中門			
TA	图象				型品等	2				
I-A I-B	100		Sec.			2				2
I-C	6	TO BE	6	6			200	-United		
The state of the s	VISITAL BEACH	7	AND PARKETON	6 57		10	-	+	1	
I-D	57		50			12	8	4	4	8
Northern Region	65	7	58	65		15	9	6	5	10
II-A					题 表 通	A STATE OF				
II-B		1			THE REAL PROPERTY.					
II-C	2	1	1	2		A STATE OF THE PARTY OF THE PAR				
II-D	36	8	28	36		13	9	4	2	11
Southern Region	38	9	29	38	- 12	13	9	4	2	11
State	103	16	87	103		28	18	10	7	21

TABLE - 31

Distribution of births and deaths recorded by enumerator and supervisor detected through overlapping survey and intensive enquiry - 1991

1								
こうないとない	State	7	1319	226	1615	25	1647	
Deaths	Southern	9	782 52	130	962	11	976	
日本の日本の日本大	Northern	5	537	96	653	771	671	1000年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の
STATE OF THE PARTY	State	7	3566 186	5.2 1039	4784	93	4894	THE RESERVE THE PERSON NAMED IN
Births	Southern	3	1770 106	603	2475	31	2517	
1000年間の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	Northern	2	1796 80	4.5	2309	62	2377	The state of the s
からからないのでは、一般のないのでは、日本には、日本のでは	Items		Common to enumerator and supervisor Registered by enumerator (No.)	Percentage Listed by supervisor (No.)	Percentage Total netted by enumerator & supervisor	Detected by others Overlapping survey	Intensive enquiry Total	1 日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日

TABLE - 32

Distribution of rate of marriage per thousand population and percentage distribution of marriage according to age and sex - 1991

	是是"是"。在"特 翰 不
age	33 33 33 33 35 6 4
marriage e Female	23.39 50.32 21.16 4.02 0.95 0.16
A11 Ma1e 12	0.21 48.64 25.05 4.80 0.63 0.70
age Ige Il	4.08 40.82 40.82 110.20 4.08 4.08
Percentage lemarriage fale Female	
Percentage Remarriage Male Female	5.41 21.62 18.92 27.03 8.10 18.92
	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
riage emale 9	23.90 51.06 20.64 3.64 0.71 0.05
First marriage Male Female 8 9	23 20 3 3 100
rst n Male 8	0.21 20.36 49.36 25.21 4.21 0.44 0.21
F.	250 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
age ale	31.78 59.95 30.81 7.16 2.05 0.41
ion	31 30 30 59 7 7 7 7 7 8 9 9 9 9 9 9 9 9 9 9 8 9 9 8 9 8
All marriage Male Female 6 7	0.22 21.81 59.56 35.79 8.23 1.31 1.77 20.61
14 1	20 2 35 6 1 1 8 8 5 1 1 1 8 8 1 1 1 8 8 1 1 1 8 1 1 1 1
1000 age male 5	0.14 0.69 1.54 0.85 0.57 0.27
rria Fem	00-00010
lage per Remarria Male Fer	- 0.15 0.68 0.70 0.44 0.53
arri	一种工程
te of marriage Female 3	31.64 59.25 29.27 6.31 1.48 0.14
Rate of marriage per marriage Remarrie Female Male Female	
Rate of m First marriage Male Female 2 3	0.22 21.65 58.88 35.10 7.04 0.87 0.53
	3.02
dno	19 24 229 334 444 449 449
Age group	IIIIIII E
Ag	15.58.33.25.5

Life table of Males based on age specific death rates for the year 1991

							-3!	5-										
Beginning age (x)	12	THE REAL PROPERTY.	0,		5	10	15	20	- 25	30	35	40	45	. 20	. 22	09	99	70
Expectation of life in years (Ex)	- ALL	A STATE OF THE STA	90.89	68.54	65.04	60.27	55,38	50.65	46.00	41.38	36.77	32.25	27.83	23.67	19.97	16.57	13.44	10.52
Year of life lived bet- ween x and above x (Tx)	10		6805621	6707420	6317442	5832687	5349277	4867557	4388789	3913786	3443178	2978153	2520783	2075123	1649435	1253765	897605	590312
Year of life lived between x and x + n (L x)	6		98201	389978	484755	483410	481720	478768	475003	470608	465025	457370	445660	425688	395670	356160	307293	590312
Number surviving to age x out of 100000 born ali-	8	THE REAL PROPERTY.	100000	19876	97128	96774	96590	86096	95409	94592	93651	92359	90589	87675	82600	75668	96299	56121
Number of deaths (dx)	1		2139	733	354	184	492	689	817	947	1292	1770	2914	5075	6932	8872	10675	56121
Probability of a person aged x dy- ing before age x + x (gx)	9		0.02139	0.00749	0.00364	0.00190	0.00509	0.00717	0.00856	0.00995	0.01380	0,01916	0.03217	0.05788	0.08392	0.11725	0.15982	1,00000
Mean age specific death rate	2	がはない。	0.02263	0.00188	0.00073	0.00038	0.00102	0.00144	0.00172	0.00200	0.00278	0.00387	0.00654	0.01192	0.01752	0.02491	0.03474	0.09507
death 1991	4		20.74	2.15	0.75	0.23	1.16	1.35	1.66	1.87	19:1	3.60	6.30	11.57	19.48	21.75	33.76	100.52
Age specific death rate 1989 1990 199	3	11 11 11 11 11	22.04	2.05	0.93	0.56	1.00	0.98	2.13	2.15	3.52	5.02	5.65	11.35	16.79	25.43	34.27	
Age sp	2	日本の記録は、記書	25.12	1.43	0.52	0.35	0.90	2.00	1.37	1 97	3 22	3 00	7.68	12.84	16 30	27.56	36.19	93.25
T T T T T T T T T T T T T T T T T T T	1	が出版なるとはいれ、海色	ess than I	- 4		- 14	- 19	- 24	- 29	3.4	30	- 44	- 40	54	50	- 64	69	& above
Age ×	1	1000	d	1	· · · ·	2	, r	200	25	200	36	2 0	75	204	200	200	2 4	70

Life table of Females based on age specific death rates for the year 1991

on Beginning n age (x)	12	The second second	0		0.00	75	20	36	30,	35	40	45	50	22	09	65	70
of life in years (Ex)	TIL TIL	The second second	74.73	77 10	66 33	61 45	56.68	51.99	47.25	42.56	37.86	33.23	28.71	24.20	19.99	15.98	12.59
Vear of life lived bet- ween x and above x (Ix)	10		7373725	6979963	6490203	6001433	5514090	5029080	4546707	4067232	3591172	3119339	2653546	2195646	1749963	1323960	931785
Year of life lived bet- ween x and x + n (L x)	6	00000	393772	489750	488770	487343	485010	482373	479475	476060	471833	465793	457900	445683	425003	392175,	931785
Number surviving to age x out of 100000 born all-	8	Tooon	98833	98053	97847	19926	97276	96728	96221	95569	94855	93878	92439	90721	87552	82849	74027
of deaths (dx)	7	7317	780	206	186	385	548	507	652	714	116	1439	1718	3169	4703	8828	74021
Probability of a person aged x dy- ing before age x + x (gx)	9	43110.0	0.00789	0.00210	0.00190	0.00394	0.00563	0.00524	0.00678	0.00747	0.01030	0.01533	0.01358	0.03493	0.05372	0.10655	1.00000
Mean Specific death rate n mx	5	0.01532		0.00042	0.00038	0.00079	0.00113	0.00105	0.00136	0.00150	0.00207	0.00309	0.00375	0.00711	0.01104	0.02251	0.07944
leath	4	12.13	1.03	0.31	0.45	0.78	0.88	1.08	1.76	2.25	1.88	3.17	5.08	6.81	12.54	22.21	86.30
Age specific death rate 1988 1990	3 3	23.23 10.54	2.12	0 0.44	0.29	0.56	1.05	1.02	1.44	1.10	2.13	3.68	3.92	7.48		18.73	82.33
1986 S	2	23.23	2.78	0.52	0.41	1.02	1.47	1.05	0.89	1.14	2.20	2.435	2.26	7.03	10.59	con a	/5.58
Age x to x + n	4 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ess than 1	1 - 4	5 - 9	0 - 14	5 - 19	0 - 24	25 - 29	0 - 34	35 - 39	0 - 44	5 - 49	50 - 54.		60 - 64	69 - 69	70 & above

Life table of Persons based on age specific death rates for the year 1991

		-37		mag A
age (x)	71	12 2 1 0	20 25 30 40 45 50	55 60 65 70
Expectation of life in years (Ex)		71.30 71.49 68.03 63.22 58.34	53.59 48.91 44.23 39.58 34.98 30.46 26.13	22.05 18.27 14.73 11.58
Year of life lived bet- ween x and above x (Tx)	10	7130269 7031642 6639734 6152436 5666308	5181733 4699778 4220993 3745833 3275163 2810400 2354477	1912444 1491514 1100534 751424
Year of life lived bet- ween x and x + n (L x)	6	98627 391908 487298 486128 486128	481955 478785 475160 470670 464763 455923	420930 390980 349110 751424
Number surviving to age x out of 100000 born ali-ve (1x)	8	100000 98353 97601 97318	96697 96085 95429 94635 93633	图 图 有规则
of of deaths (dx)	7	1647 752 283 283 185 436	612 656 794 1002 1361 2175	536- 5060 6920 9828 9828 64908
Probability of a person aged x dy- ing before age (gx)	9	0.01647 0.00765 0.00290 0.00190	0.00633 0.00683 0.00832 0.01059 0.01454	0.05835 0.08475 0.13150 1.00000
Mean age specific death rate nmx	5	0.01907 0.00192 0.00058 0.00038	0.00127 0.00137 0.00167 0.00213 0.00293	0.00765 0.01202 0.01770 0.02815 0.08638
leath	4	16.55 1.60 0.53 0.34	1.35 1.81 1.94 2.71 4.70	8.16 12.73 16.96 27.46 89.43
Age specific death rate 1989 1990	3	2.08 0.69 0.43	1.02 1.55 1.78 2.28 3.51 4.64	7.46 11.89 17.43 25.89 86.36
Age sp	2	24.24 2.09 0.52 0.38	1.71 1.21 1.41 2.16 2.58 4.97	7.33 11.43 18.70 31.09 83.35
Age x + 0 + n	1	Less than 1 1 - 4 5 - 9 10 - 14	15 - 15 20 - 24 25 - 29 30 - 34 40 - 44 45 - 49	50 - 54 55 - 59 60 - 64 65 - 69 70 & above

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第37章

A PROPERTY THE MAPPING

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TABLE - 36

Number of units and population in the universe and the samples

Raising factor	for stratum estimates P/P	7	50.39210 111.41688 97.01392 85.06123 - 121.70263 170.01044 91.20108 87.17143
Percentage of		9	1.98 0.90 1.03 1.17 1.16 0.82 0.59 1.09 1.15 1.12
les	Population (1991)P	. 5	658 1540 7972 87246 97416 723 1915 14845 120631 138114 235530
Samples	No.of units selected	4	2 6 61 61 2 3 10 74 89 150
	Population (1991)P	3 4 4	33158 171582 773395 7421252 8399387 87991 325570 1353880 10515577 12283018 20682405
Universe	No.of census village	2	73 217 217 519 1265 2074 260 415 894 2134 3703 5777
	Stratum		I-A I-B I-C I-D Northern Region II-A II-B II-C II-D Southern Region State

