



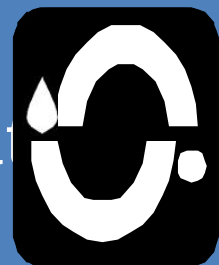
Government of Maharashtra

Survey of Causes
of Deaths Scheme
(Rural)

Annual Report 2016



Deputy Director of Health Services
Deputy Chief Registrar (Birth & Death)
Maharashtra State
Pune 411001



PREFACE

It gives me great pleasure to present the Annual Report of Survey of causes of death (Rural) of state for year 2016.

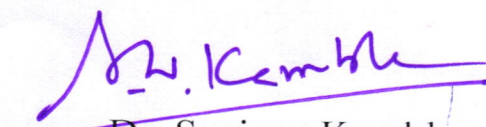
Survey of causes of deaths (Rural) [SCD(R)] is still operational in Maharashtra state though Registrar General of India has discontinued the scheme at National level.

The SCD (R) in Maharashtra is covering about 36,54,661 population. The main purpose of the scheme is to collect district wise data on causes of death from rural area. Apart from this, it is the source for district level vital rates. The scheme has unique feature of dual recording, which involves monthly collection of data & two half yearly surveys, which helps in avoiding omissions of events in Survey.

The state Bureau of Health Intelligence & Vital Statistics Pune is monitoring, supervising the scheme. The compilation is also done at the Bureau.

I hope that information in this report will be useful for planning various health programmes at district as well as state level.

I would like to place on record my appreciation to Dr. Tanaji Mane, Dy DHS (SBHI & VS) Pune, with his team in preparation & publishing this report for year 2016.


Dr. Sanjeev Kamble
Director & Chief Registrar,
Births & Deaths, Maharashtra,
Mumbai

FOREWORD

The Registrar General Of India has discontinued the “Survey of Causes of Deaths Scheme” at national level in the year 1997. Maharashtra State has not only continued the implementation of this scheme but also strengthened & expanded it.

It is credible on the part of State Bureau Of Health Intelligence & Vital Statistics for their continuous, systematic, sincere efforts and we are happy and satisfied to handover the annual reports of Survey Cause of Deaths (Rural) of the year 2016. I am looking forward that this annual report will be helpful for the future research & planning .

Gathering official mortality statistics is very difficult in rural areas while deciding the vital rates from the figures received by this office we have come across that some of the districts are below expected level. Based on the data of vital events those occur in the population of selected villages the scheme provides district wise vital rates which are very useful for planning. I feel the Bi-yearly surveys are useful in view that some of the events which have been omitted in monthly survey, are being included while preparing annual report. I feel pretty sure that from top ten causes of deaths, we can find the trends of deaths for the particular age- group.

To publish this report I would like to appreciate Shri. Shripad Inamdar (S.O.) for his valuable suggestions, Shri Sanjay Bhoite S. I. , Smt. Sandhya Khandagale D. E. O. & other staff of this office for their endeavour & hard efforts & I also gives thanks to those who have collected the data for this annual report at district level. I also congratulate the District Health Officers for their immense co-operation for preparing this publication

Dr. Tanaji Mane

MBBS , DCH.

Dy. Director Of Health Services, &
Dy. Chief Registrar Of Births & Deaths,
Maharashtra, Pune

SURVEY OF CAUSES OF DEATHS SCHEME **(RURAL) - 2016**

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PREAMBLE

SURVEY OF CAUSES OF DEATHS SCHEME

(RURAL)

- **BACKGROUND/ OVERVIEW**

Mortality influences the rate of growth of the population & provides a dimension of demographic perspective, which is vital for socio-economic planning. The pattern of deaths by causes, age & sex reflect the health status of the community & in turn provides a rational basis for health planning. It is not feasible to build up statistics of mortality by causes based on " Medical Certification of Causes of Death (MCCD)" due to inadequate nos. of medical institutions, & physicians in rural area. Still the percentages of non-institutional & unattended deaths are on higher side in the State as well as in the Country. This most important statistical gap has been bridged, to some extent by the scheme "Survey Of Causes Of Death"

HISTORY

- The Office Of the Registrar General, India initiated in the 1960s a Scheme called as " Model Registration System" (MRS), with a view that, there should be few centers which are to be model in Registration of vital events. The scheme was introduced according to recommendations made in the ' Conference on improvement of Vital Statistics' held in 1961.
- The Scheme was renamed in 1982 as Survey of Causes of Deaths Scheme (Rural).
- The implementation of the scheme has been stopped by Registrar General, India in 1997 at central level & was merged in Sample Registration System.
- Taking into considerations, the need of district wise vital rates & mortality statistics pertaining to the rural areas, Maharashtra state has decided to continue the scheme. Consequently the scheme is till in continuation in the state.

PRESENT STATUS OF THE SCHEME

- The Scheme has been implemented in one village from each P.H.C. The villages can be PHC HQ, SC HQ, or any villages in PHCs on random basis. One village from each P.H.C. has been covered under the scheme.

- The list of classification of the diseases based on ICD-10, 111 diseases through 19 major groups is available to M.O. P.H.C. to select the cause of death, based on "Lay-man diagnosis reporting" or post death Verbal Autopsy Technique (VAT)

OBJECTIVE OF THE SCHEME

- The important objective of the Scheme is to build-up the statistics on most probable Cause of Death according to age & sex in selected villages by adopting "Lay - man diagnosis reporting (Post Death Verbal Autopsy Technique) through post death enquiry based on sign & symptoms, condition, duration & anatomical site of the disease of the deceased person reported by family members or relatives.
- To collect the data on fertility along with the mortality information.
- To produce district wise all fertility & mortality rates based on information collected under the Scheme.

COVERAGE

- Presently in the State, the scheme is being implemented in 1816 villages, which are randomly selected among the 33 After regular, continuous & close follow up for report submission, Ratnagiri, Buldhana & Jalgaon districts have not submitted reports resulting the annual report does not include the data from above districts.

IMPLEMENTATION

- The Para medical staff (ANM & MPW) working in the selected village are the important root level workers called as "FIELD AGENTS". The field agents are expected to maintain house hold register, visit the community twice in a month & collect the data on fertility & mortality. In case of mortality, they should contact the family members, relatives of deceased to collect the information on signs & symptoms, disease, duration of the disease of the deceased, by applying their experience & communication skill providing health services. The data collected under the scheme is according to De jure method. (De jure residential)
- Field Agents are expected to submit the collected information in the prescribed format to the M.O. PHC through FIELD RECORDER at the end of the month.

- FIELD RECORDER (Health assistant) at PHC level is expected to supervise the villages selected under the scheme. He should consolidate the information received by the field agent every month. He should prepare the monthly report & submit to the District Health Officer at District level.
- Six monthly surveys are to be conducted to detect the omissions if any, by field recorder in the year. These surveys are to be conducted in July (for Jan to June) & Jan (for July to Dec) of every year.
- M.O.PHC is expected to verify all cause of death forms ("C form"). Based on signs & symptoms mentioned by the Field Agent, he is supposed to write the probable cause of death & code of disease with the help of classification of diseases made available to him, with the help of coding methodology given in SCD (R) training module. In case of institutional deaths, the MO should write down the same cause of death, as per the cause mentioned by private practitioner or head of Health Institution.
- M.O. is also responsible for the development of technique & update knowledge of Field Agent & field recorder in respect of post death verbal autopsy.
 - District Health Officer/A.D.H.O are expected to monitor, supervise, verify & evaluate, the scheme, from time to time with the help of statistical wing at district level. He is also expected to take review of scheme in monthly MO PHC meeting conducted at ZP.
- Deputy Director (State Bureau Of Health Intelligence & Vital Statistics) is in charge of the scheme at State level. He is expected to review the scheme, take corrective actions in respect of the progress made. Further he should generate the age, sex, causes wise information on mortality/fertility statistics district & circle wise, calculate the vital rates & publish in the State Annual Report for the Scheme.

LIMITATIONS OF THE SCHEME

1. Coverage of the scheme is related to Rural area in the state only.
 2. Statistical inferences are purely based on the Monthly reports submitted by district level.
 3. Recording of signs & symptoms collected by FIELD AGENT is according to his/her technical knowledge & Communication skill.
 4. The reliability of information of signs & symptoms at the time of death given by the family members/relatives FIELD AGENT FIELD RECORDER depends upon respondent's efficiency in describing the signs & symptoms, condition of the deceased.
 5. Interpretation of the data for finding the cause of death by M.O. in present situation is depending on his analytical, clinical & technical knowledge, interest & commitment towards the Scheme.
 6. Accuracy of cause of death & sustainability of perfect reporting is key point in successful implementation of the scheme.
 7. Fluctuations in data as year-to-year & district-to-district can be noticed due to inadequate sample size.
 8. A frequent change of M.O. P.H.C, FIELD AGENT & FIELD RECORDER due to transfer/promotion & new appointments affects the sustainability of the scheme, particularly in the interpretation of accuracy of Causes of deaths.
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Comparative Statement

SRS (Rural) 2016 & SCD (Rural) 2016

Sr. No	Vital Rate	SRS (Rural)	SCD (Rural)
1	CBR	16.3	14.33
2	CDR	06.9	06.47
3	IMR	24.0	17.26

Salient Features

Particulars		Value
Districts		32
Villages	Tribal	327
	Non Tribal	1290
	Total	1617
Population	Tribal	572811
	Non Tribal	3081850
	Total	3654661
Total Births Registered		52378
Crude Birth Rate		14.33
Total Deaths Registered		23365
Crude Death Rate		6.47
Total Infant Deaths Registered		892
Infant Mortality Rate		17.26
Top 5 killer diseases (All age groups)		1) Cardiac Arrest 2) Asthama 3) Hemiplegia 4) Accidental Injuries 5) Ischemic Heart Disease

DEFINITIONS & FORMULAS

Sr. No	Rate (Name)	Definition	Formula
F E R T I L I T Y I N D I C A T O R S			
1	Crude Birth Rate	It is the simplest measure of fertility, expressing number of live births per thousand persons in the population during the given year & for the given region	$\text{CBR} = \frac{\text{No. of live births}}{\text{Population}} \times 1000$
2	Still Birth	The birth of a baby who is born without any signs of life at or after 24 weeks of pregnancy. A baby may have died during late pregnancy (called intrauterine death)	$\text{SBR} = \frac{\text{No. of still births}}{(\text{No. of Live births} + \text{No. of Still births})} \times 1000$
3	General Fertility Rate	The General Fertility Rate is the number of births per 1000 women of child bearing age in a particular geographical area in a particular year	$\text{GFR} = \frac{\text{No. of live births}}{\text{Female pop of (15-49 yrs)}} \times 1000$
4	Age Specific fertility Rate	The Age Specific Fertility Rate is the number of births per year per woman in a given age group in a given year & geographical area	$\text{ASFR} = \frac{\text{No. of live births in Any specific age group}}{\text{Female pop. of same specific age group}} \times 1000$
5	Total fertility Rate	It is hypothetical measure giving an idea about the number of births a woman can have, when she is exposed to a particular fertility pattern. It is calculated by adding all Age Specific Fertility Rates	$\text{TFR} = \frac{\text{Sum of all A.S.F.R.}}{1000} \times 5$

Sr. No	Rate (Name)	Definition	Formula
6	Gross Reproduction Rate	It indicates the number of daughters each woman can bear by the time she completes her passing through a fertility pattern.	$\text{GRR} = \frac{\text{No. female birth}}{\text{No. of total births}} \times \text{T.F.R}$
7	Sex Ratio at Birth	No of female births per 1000 male births is known as sex ratio at birth.	$\text{SRB} = \frac{\text{No.of female Births}}{\text{No.of male Births}} \times 1000 \text{ or } 100$
MORTALITY INDICATORS			
8	Crude Death Rate	It is the simplest measure of mortality, expressing number of deaths taking place within a given year, per thousand population for the given region.	$\text{CDR} = \frac{\text{No. of Deaths}}{\text{population}} \times 1000$
9	Infant death/ Infant Mortality Rate	When the death of live born takes place before completing the first year of its life, it is termed as infant death. This gives us the information, how much new borns died before completion of one year age. This rate is expressing as, number of infant deaths per thousand live births, in a given year & for the given region.	$\text{IMR} = \frac{\text{No.of Infant deaths}}{\text{No of Live births}} \times 1000$
10	Early Neonatal death/ Early Neonatal Mortality Rate	Number of infant deaths during the first seven days of life in a year and geographical region per thousand live births in the same year & geographical region.	$\text{ENMR} = \frac{\text{No.of infant deaths within 7 days after birth}}{\text{No.of live births}} \times 1000$

Sr. No	Rate (Name)	Definition	Formula
11	Late Neonatal Death / Late Neonatal Mortality Rate	Number of infant deaths after 8 days & before 28 days of life in a year & geographical region per 1000 live births in the same year & geographical region.	$\text{LNMR} = \frac{\text{No. of infant deaths within 8-28 days after birth}}{\text{No. of live births}} \times 1000$
12	Neonatal Death/ Neonatal Mortality Rate	No of infant dying within 28 days after birth in a year & geographical region per 1000 live births of the same year & geographical region.	$\text{NMR} = \frac{\text{No. of infant deaths within 28 days after birth}}{\text{No. of live births}} \times 1000$
13	Post Neonatal Death/ Post Neonatal Mortality Rate	A death of new born taking place after 28 days & before completion of one year.	$\text{PNMR} = \frac{\text{No. of infant deaths between 28 days \& one year after birth}}{\text{No. of live births}} \times 1000$
14	Perinatal Death/ Perinatal Mortality Rate	Number of still births/late foetal deaths plus deaths within first week of life in a year & geographical region per 1000 births (live & still) in a year & geographical region.	$\text{PMR} = \frac{(\text{No. of infant deaths within 7 days} + \text{no of still births})}{(\text{Total no of live births} + \text{no. of still births})} \times 1000$
15	Maternal Deaths/ Maternal Mortality Ratio	Maternal death is the death of woman while pregnant or during termination of pregnancy including abortion or within 42 days of termination of pregnancy, irrespective of the duration & site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.	$\text{MMR} = \frac{\text{No. of Maternal deaths}}{\text{Total live births}} \times 100000$

Sr. No	Rate (Name)	Definition	Formula
16	Under 5 Mortality	It is defined as the total number of deaths of children with age 0 to 4 years in a given year & geographical region to per 1000 population between age 0 to 4 yrs of that geographical area of that year.	$\text{U5MR} = \frac{\text{Total no of child deaths between age 0 to 4 yrs in given area \& year}}{\text{Total no of children between age 0 to 4 yrs in same area \& year}} \times 1000$
17	Sex Ratio at Death	No of female Deaths per 1000 male Death is known as sex ratio at death.	$\text{SRD} = \frac{\text{No.of female Deaths}}{\text{No.of male Deaths}} \times 1000 \text{ or } 100$

ABBREVIATIONS USED IN THIS PUBLICATION

1) S.B.H.I. & V.S.	State Bureau Of Health Intelligence & Vital Statistics
2) S.C.D.	Survey of Causes Of Death
3) P.H.C.	Primary Health Center
4) C.B.R.	Crude Birth Rate
5) C.D.R.	Crude Death Rate
6) S.B.R.	Still Birth Rate
7) G.F.R.	General Fertility Rate
8) A.S.F.R.	Age Specific Fertility Rate
9) T.F.R.	Total Fertility Rate
10) G.R.R.	Gross Reproduction Rate
11) S.R.B.	Sex Ratio at Birth
12) Peri N.M.R.	Peri natal Mortality Rate
13) E.N.M.R.	Early Neonatal Mortality Rate
14) L.N.M.R.	Late Neonatal Mortality Rate
15)N.M.R.	Neonatal Mortality Rate
16) P.N.M.R.	Post Neonatal Mortality Rate
17) I.M.R.	Infant Mortality Rate
18) U 5 M.R.	Under 5 Mortality Rate
19) A.S.M.R.	Age Specific Mortality Rate
20) S.R.D.	Sex Ratio at Death
21) L.B.W.	Low Birth weight
22) I.T.D.P.	Integrated Tribal Development Plan
23) U.T.D.	Untrained Dai

COVERAGE

Survey of Causes of Deaths Scheme (Rural) - 2016
Number of PHCs and Villages selected with Population

Statement No. 1A

S.N.	District	No. of sanctioned PHCs			No. of functioning PHCs			No. of Villages selected			Population Covered		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
1	Raigad	3	50	53	3	50	53	3	50	53	1795	73273	75068
2	Thane	16	16	32	16	16	32	16	16	32	14563	55108	69671
3	Palghar	36	10	46	36	10	46	36	10	46	74624	22113	96737
4	A'Nagar	10	86	96	10	86	96	10	86	96	13246	246899	260145
5	Dhule	14	27	41	14	27	41	14	27	41	37236	83224	120460
6	Nandurbar	56	2	58	56	2	58	56	2	58	112508	6899	119407
7	Nashik	52	51	103	52	51	103	52	51	103	108423	162112	270535
8	Pune	8	88	96	8	88	96	8	88	96	6475	170832	177307
9	Satara	0	71	71	0	71	71	0	71	71	0	134319	134319
10	Solapur	0	77	77	0	77	77	0	77	77	0	180968	180968
11	Kolhapur	0	72	72	0	72	72	0	72	72	0	177892	177892
12	Sangli	0	59	59	0	59	59	0	59	59	0	175793	175793
13	Sindhudurg	0	38	38	0	38	38	0	38	38	0	62946	62946
14	Aurangabad	0	50	50	0	50	50	0	50	50	0	111859	111859
15	Jalana	0	40	40	0	40	40	0	40	40	0	110765	110765
16	Parbhani	0	31	31	0	31	31	0	31	31	0	85178	85178
17	Hingoli	0	24	24	0	24	24	0	24	24	0	62130	62130
18	Latur	0	46	46	0	46	46	0	46	46	0	130740	130740
19	Beed	0	50	50	0	50	50	0	50	50	0	102624	102624
20	Nanded	14	51	65	14	51	65	14	51	65	28642	135415	164057
21	Osmanabad	0	42	42	0	42	42	0	42	42	0	85367	85367
22	Akola	0	31	31	0	31	31	0	31	31	0	97314	97314
23	Washim	0	25	25	0	25	25	0	25	25	0	57948	57948
24	Amrawati	11	45	56	11	45	56	11	45	56	15295	118868	134163
25	Yavatmal	19	44	63	19	44	63	19	44	63	27997	98226	126223
26	Bhandara	0	33	33	0	33	33	0	33	33	0	84442	84442
27	Gondia	19	21	40	19	21	40	19	21	40	33065	46491	79556
28	Chandrapur	20	38	58	20	38	58	20	38	58	32013	61252	93265
29	Gadchiroli	45	0	45	45	0	45	45	0	45	59537	0	59537
30	Nagpur	4	45	49	4	45	49	4	45	49	7392	91005	98397
31	Wardha	0	27	27	0	27	27	0	27	27	0	49848	49848
State Total		327	1290	1617	327	1290	1617	327	1290	1617	572811	3081850	3654661

Survey of Causes of Deaths Scheme (Rural) - 2016
No. of Villages according to Population Group

Statement No. 1B

S.N.	District	Population Size						Total Villages
		Below 500	501-1000	1001-3000	3001-5000	5001-10000	10000+	
1	Raigad	6	17	24	5	1	0	53
2	Thane	1	13	15	0	1	2	32
3	Palghar	0	17	24	3	2	0	46
4	A'Nagar	0	12	63	20	1	0	96
5	Dhule	0	1	24	14	2	0	41
6	Nandurbar	0	5	45	8	0	0	58
7	Nashik	0	6	64	24	9	0	103
8	Pune	8	24	49	12	3	0	96
9	Satara	3	6	57	5	0	0	71
10	Solapur	1	3	52	21	0	0	77
11	Kolhapur	2	8	38	19	5	0	72
12	Sangli	1	1	34	16	7	0	59
13	Sindhudurg	0	9	26	2	1	0	38
14	Aurangabad	1	5	31	11	2	0	50
15	Jalana	0	1	29	6	4	0	40
16	Parbhani	0	0	21	7	3	0	31
17	Hingoli	0	0	16	7	1	0	24
18	Latur	0	2	22	19	3	0	46
19	Beed	0	2	39	7	2	0	50
20	Nanded	0	1	48	16	0	0	65
21	Osmanabad	0	2	34	6	0	0	42
22	Akola	1	0	19	6	4	1	31
23	Washim	0	2	17	5	1	0	25
24	Amrawati	2	7	36	7	3	1	56
25	Yavatmal	2	9	40	12	0	0	63
26	Bhandara	1	2	18	11	1	0	33
27	Gondia	0	1	35	4	0	0	40
28	Chandrapur	1	14	38	5	0	0	58
29	Gadchiroli	7	21	16	1	0	0	45
30	Nagpur	0	8	33	5	3	0	49
31	Wardha	2	6	16	2	1	0	27
State Total		39	205	1023	286	60	4	1617

Survey of Causes of Deaths Scheme(Rural)- 2016

Age & Sex wise Population(Total)

Statement No. 1C

S.N.	Age Group	Male	Female	Total	% to Total Pop.
1	0-4	154031	146405	300436	8.2
2	5-9	135175	127694	262869	7.2
3	10-14	147381	141830	289211	7.9
4	15-19	151217	141586	292803	8.0
5	20-24	154410	145226	299636	8.2
6	25-29	148879	138800	287679	7.9
7	30-34	137602	130411	268013	7.3
8	35-39	130185	134703	264888	7.2
9	40-44	118987	113161	232148	6.4
10	45-49	110347	104600	214947	5.9
11	50-54	101354	97309	198663	5.4
12	55-59	91824	87335	179159	4.9
13	60-64	81158	78750	159908	4.4
14	65-69	74587	72108	146695	4.0
15	70-74	46795	44361	91156	2.5
16	75-79	37576	35518	73094	2.0
17	80-84	27192	26123	53315	1.5
18	85+	20551	19490	40041	1.1
State Total		1869251	1785410	3654661	100

Survey of Causes of Deaths Scheme(Rural)- 2016

Age & Sex wise Population(Tribal)

Statement No. 1D

S.N.	Age Group	Male	Female	Total	% to Total Pop.
1	0-4	27650	26484	54134	9.5
2	5-9	25119	23008	48127	8.4
3	10-14	21618	20810	42428	7.4
4	15-19	23011	21784	44795	7.8
5	20-24	26335	24512	50847	8.9
6	25-29	22631	21387	44018	7.7
7	30-34	20460	19113	39573	6.9
8	35-39	18340	27506	45846	8.0
9	40-44	16925	16037	32962	5.8
10	45-49	16169	15366	31535	5.5
11	50-54	15052	14240	29292	5.1
12	55-59	13307	12619	25926	4.5
13	60-64	12636	11774	24410	4.3
14	65-69	10773	10401	21174	3.7
15	70-74	7429	7038	14467	2.5
16	75-79	6256	5838	12094	2.1
17	80-84	3382	3097	6479	1.1
18	85+	2432	2272	4704	0.8
State Total		289525	283286	572811	100

Survey of Causes of Deaths Scheme(Rural)- 2016
Villages selected under the Scheme

Statement No.1E

S.N	District	P.H.C. H.Q.	S.C.H.Q. Village	Simple village	Total
1	Raigad	10	28	15	53
2	Thane	1	21	10	32
3	Palghar	0	28	18	46
4	A'Nagar	2	73	21	96
5	Dhule	0	37	4	41
6	Nandurbar	15	32	11	58
7	Nashik	3	88	12	103
8	Pune	4	86	6	96
9	Satara	10	56	5	71
10	Solapur	1	63	13	77
11	Kolhapur	6	30	36	72
12	Sangli	0	55	4	59
13	Sindhudurg	5	32	1	38
14	Aurangabad	1	44	5	50
15	Jalana	4	34	2	40
16	Parbhani	0	31	0	31
17	Hingoli	1	20	3	24
18	Latur	7	39	0	46
19	Beed	2	48	0	50
20	Nanded	10	51	4	65
21	Osmanabad	0	36	6	42
22	Akola	4	27	0	31
23	Washim	2	23	0	25
24	Amrawati	5	51	0	56
25	Yavatmal	6	55	2	63
26	Bhandara	8	24	1	33
27	Gondia	0	18	22	40
28	Chandrapur	2	52	4	58
29	Gadchiroli	1	44	0	45
30	Nagpur	1	44	4	49
31	Wardha	0	22	5	27
State Total		111	1292	214	1617

RATES & RATIOS

Fertility Rates

Statement No. 5

S.N.	District	C.B.R.	S.B.R.	G.F.R.	T.F.R.	G.R.R.	S.R.B.
1	Raigad	12.10	13.04	44.01	1.39	0.65	88.38
2	Thane	13.00	2.20	50.30	1.76	0.84	91.14
3	Palghar	16.01	13.38	56.94	1.75	0.82	88.67
4	A'Nagar	11.09	2.07	46.62	1.48	0.71	92.02
5	Dhule	15.09	1.10	60.12	1.70	0.82	92.79
6	Nandurbar	19.76	9.24	78.36	2.52	1.20	91.17
7	Nashik	16.55	1.78	68.91	1.97	0.93	89.22
8	Pune	14.95	7.12	60.00	1.91	0.89	87.41
9	Satara	12.37	5.98	50.21	1.64	0.74	82.33
10	Solapur	16.14	5.45	68.06	2.23	1.08	94.09
11	Kolhapur	14.28	4.31	56.55	1.82	0.86	90.91
12	Sangli	15.18	4.48	59.74	1.79	0.85	89.09
13	Sindhudurg	9.50	13.20	36.34	1.31	0.66	100.67
14	Aurangabad	15.96	8.88	62.18	1.90	0.92	93.39
15	Jalana	16.12	7.78	71.29	2.41	1.17	93.50
16	Parbhani	15.57	6.74	66.32	2.04	0.99	94.43
17	Hingoli	15.61	8.18	57.54	1.91	0.92	93.61
18	Latur	13.26	4.59	56.64	1.80	0.83	85.85
19	Beed	13.97	4.86	60.94	2.00	0.92	85.51
20	Nanded	13.87	6.11	59.87	2.05	0.99	93.87
21	Osmanabad	14.58	11.90	65.65	2.08	1.03	98.56
22	Akola	15.27	9.99	64.39	2.09	0.99	89.54
23	Washim	14.29	15.46	58.67	1.97	0.95	93.91
24	Amrawati	13.50	18.43	56.40	1.99	0.96	92.86
25	Yavatmal	15.08	8.34	57.32	1.77	0.86	95.38
26	Bhandara	14.13	17.30	35.93	1.12	0.59	111.52
27	Gondia	12.47	3.02	45.38	1.45	0.73	99.60
28	Chandrapur	11.18	6.67	53.31	1.82	0.88	94.23
29	Gadchiroli	11.81	33.01	27.23	0.93	0.46	99.72
30	Nagpur	14.02	7.19	73.48	3.62	1.78	97.42
31	Wardha	10.85	3.68	20.23	0.67	0.32	90.49
State		14.33	7.30	56.35	1.80	0.86	91.96

Survey Of Causes Of Deaths Scheme - 2016

Fertility Rates

Statement No. 5 - Tribal Districts

S.N.	District	C.B.R.	S.B.R.	G.F.R.	T.F.R.	G.R.R.	S.R.B.
1	Thane	8.36	10.12	32.40	0.93	0.44	87.50
2	Nandurbar	12.20	12.20	83.16	2.37	1.19	100.84
3	Nashik	20.17	9.60	79.71	2.56	1.27	98.86
4	Amrawati	14.31	4.85	57.68	1.70	0.79	88.07
5	Gadchiroli	11.25	0.00	43.81	1.46	0.75	105.52
State (Tribal)		13.26	7.35	59.35	1.80	0.89	96.16

Circlewise Fertility Rates

Statement No. 5

S.N.	Circle	C.B.R.	S.B.R.	G.F.R.	T.F.R.	G.R.R.	S.R.B.
1	Thane	13.70	9.54	50.42	1.64	0.77	89.40
2	Nashik	15.62	3.55	63.50	1.92	0.91	91.30
3	Pune	14.48	6.18	59.42	1.92	0.90	87.94
4	Kolhapur	12.99	7.33	50.88	1.64	0.79	93.56
5	Aurangabad	15.82	7.90	64.33	2.07	1.00	93.73
6	Latur	13.92	6.87	60.77	1.98	0.94	90.95
7	Akola	14.53	13.05	59.20	1.95	0.94	92.92
8	Nagpur	12.41	11.81	42.59	1.60	0.79	98.83
State		14.33	7.30	56.35	1.80	0.86	91.96

Survey Of Causes Of Deaths Scheme - 2016

Mortality Rates

Statement No. 6

S.N.	District	C.D.R.	U5 MR	Peri.N.M.R.	E.N.M.R.	L.N.M.R.	N.M.R.	P.N.M.R.	I.M.R.	SDR
1	Raigad	5.38	2.45	16.30	3.30	0.00	3.30	5.51	8.81	87.91
2	Thane	2.61	1.05	2.20	0.00	1.10	1.10	1.10	2.21	71.70
3	Palghar	5.22	0.44	22.29	9.04	3.23	12.27	6.46	18.72	74.14
4	A'Nagar	5.29	2.88	7.26	5.20	3.12	8.32	5.54	13.86	77.91
5	Dhule	6.04	3.23	8.79	7.70	3.30	11.00	2.75	13.75	68.68
6	Nandurbar	5.64	0.89	15.96	6.78	7.63	14.41	7.21	21.62	66.01
7	Nashik	5.18	3.14	9.59	7.82	4.69	12.51	6.03	18.54	70.35
8	Pune	6.50	5.14	14.99	7.92	3.02	10.94	1.89	12.83	76.96
9	Satara	7.91	3.89	12.57	6.62	2.41	9.03	3.01	12.04	74.96
10	Solapur	7.34	3.29	12.60	7.19	2.74	9.93	6.16	16.09	76.26
11	Kolhapur	7.58	3.06	12.93	8.66	3.15	11.81	3.54	15.35	79.26
12	Sangli	7.41	2.74	10.82	6.37	1.12	7.50	2.25	9.75	82.24
13	Sindhudurg	11.52	5.98	16.50	3.34	6.69	10.03	8.36	18.39	92.31
14	Aurangabad	5.27	4.01	18.88	10.08	5.04	15.13	5.60	20.73	84.06
15	Jalana	5.53	3.48	17.78	10.08	1.68	11.76	3.36	15.12	79.47
16	Parbhani	4.95	2.32	17.23	10.56	4.52	15.08	3.77	18.85	87.56
17	Hingoli	5.25	4.08	14.31	6.19	2.06	8.25	9.28	17.53	82.12
18	Latur	6.82	3.09	13.20	8.65	2.31	10.96	5.19	16.15	87.79
19	Beed	5.43	3.72	14.57	9.76	2.79	12.55	4.88	17.43	75.71
20	Nanded	6.21	5.30	19.65	13.62	1.76	15.38	5.27	20.65	76.91
21	Osmanabad	7.24	4.95	26.98	15.26	3.21	18.47	4.82	23.29	87.84
22	Akola	6.64	5.18	23.98	14.13	3.36	17.50	5.38	22.88	76.50
23	Washim	6.71	6.56	27.35	12.08	4.83	16.91	6.04	22.95	80.09
24	Amrawati	7.48	5.95	29.81	11.60	4.42	16.01	7.18	23.19	78.65
25	Yavatmal	5.04	3.13	17.72	9.46	3.15	12.61	4.20	16.82	72.36
26	Bhandara	8.50	2.67	31.30	14.25	4.19	18.44	1.68	20.12	79.50
27	Gondia	7.18	1.51	9.05	6.05	1.01	7.06	0.00	7.06	87.21
28	Chandrapur	8.05	4.69	13.33	6.71	5.75	12.46	5.75	18.22	85.43
29	Gadchiroli	6.67	4.76	49.52	17.07	4.27	21.34	15.65	36.98	77.23
30	Nagpur	6.95	14.37	19.42	12.32	4.35	16.67	7.25	23.91	92.13
31	Wardha	6.90	1.11	9.21	5.55	0.00	5.55	5.55	11.09	69.46
State total		6.47	3.84	17.29	8.82	3.26	12.07	5.18	17.26	79.31

Survey Of Causes Of Deaths Scheme - 2016
Mortality Rates

Statement No. 6 - Tribal Districts

S.N.	District	C.D.R.	U5 MR	Peri.N.M.R.	E.N.M.R.	L.N.M.R.	N.M.R.	P.N.M.R.	I.M.R.	S.D.R.
1	Thane	4.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.00
2	Nandurbar	8.33	0.00	16.59	7.05	7.93	14.98	7.49	22.48	63.90
3	Nashik	5.61	4.17	16.59	7.05	7.93	14.98	7.49	22.48	63.90
4	Amrawati	5.17	0.00	12.66	12.66	0.00	12.66	0.00	12.66	80.65
5	Gadchiroli	6.32	0.00	8.06	8.06	0.00	8.06	0.00	8.06	72.73
State (Tribal)		5.91	0.83	10.78	6.97	3.17	10.14	3.00	13.14	71.23

Circlewise Mortality Rates

Statement No. 6

S.N.	Circle	C.D.R.	U5 MR	Peri.N.M.R.	E.N.M.R.	L.N.M.R.	N.M.R.	P.N.M.R.	I.M.R.	S.R.D.
1	Thane	4.40	1.32	13.60	4.11	1.44	5.56	4.36	9.91	77.91
2	Nashik	5.54	2.54	10.40	6.87	4.68	11.56	5.38	16.94	70.74
3	Pune	7.25	4.11	13.38	7.25	2.72	9.97	3.69	13.65	76.06
4	Kolhapur	8.84	3.93	13.42	6.12	3.65	9.78	4.72	14.50	84.60
5	Aurangabad	5.25	3.47	17.05	9.23	3.33	12.55	5.50	18.06	83.30
6	Latur	6.43	4.26	18.60	11.82	2.52	14.34	5.04	19.38	82.06
7	Akola	6.47	5.20	24.72	11.82	3.94	15.76	5.70	21.46	76.90
8	Nagpur	8.85	5.82	26.37	12.39	3.91	16.30	7.17	23.48	98.19
State Total		6.47	3.84	17.29	8.82	3.26	12.07	5.18	17.26	79.31

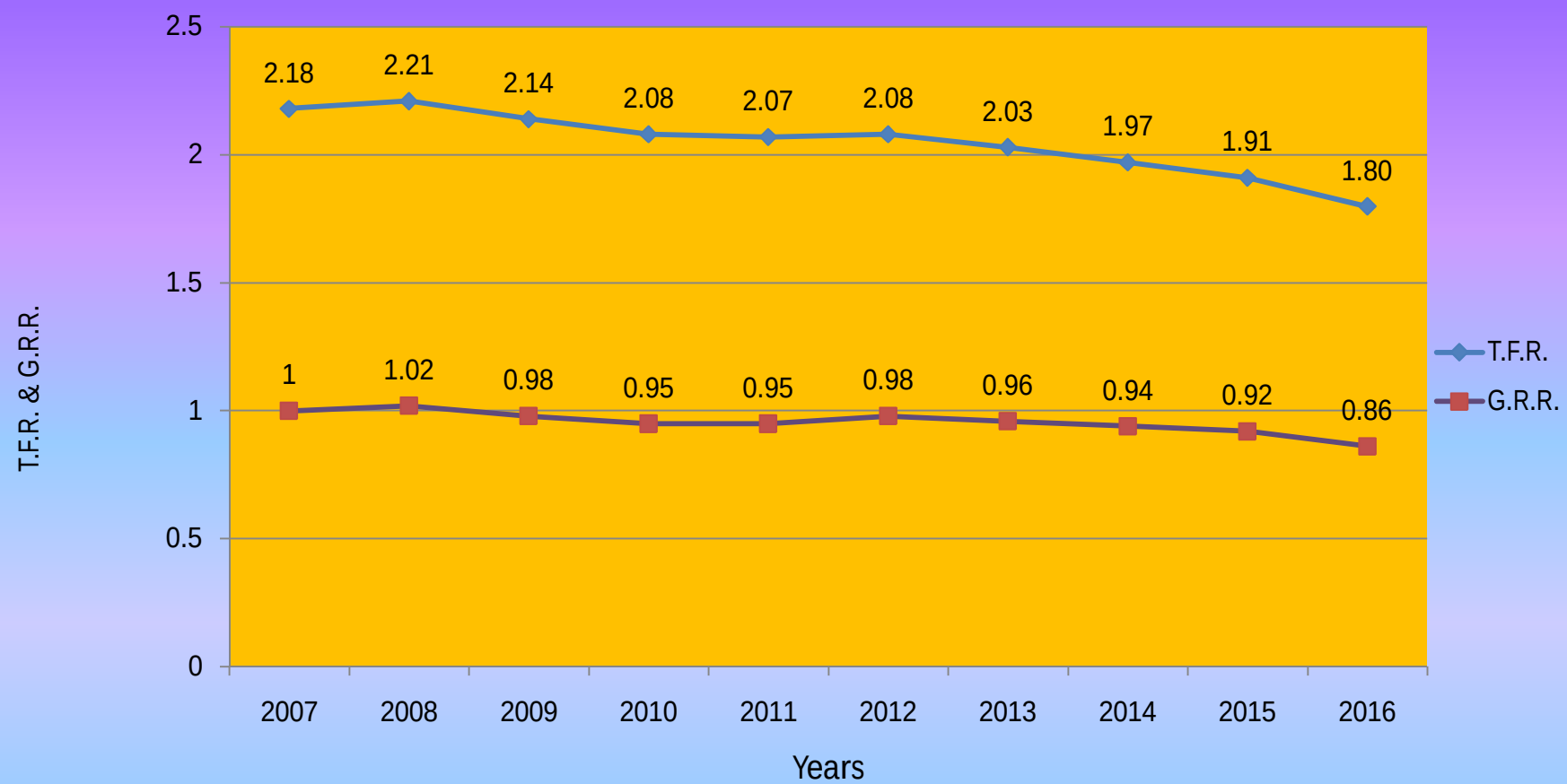
Survey Of Causes Of Deaths Scheme - 2016

Vital Rates - Year wise Comparison

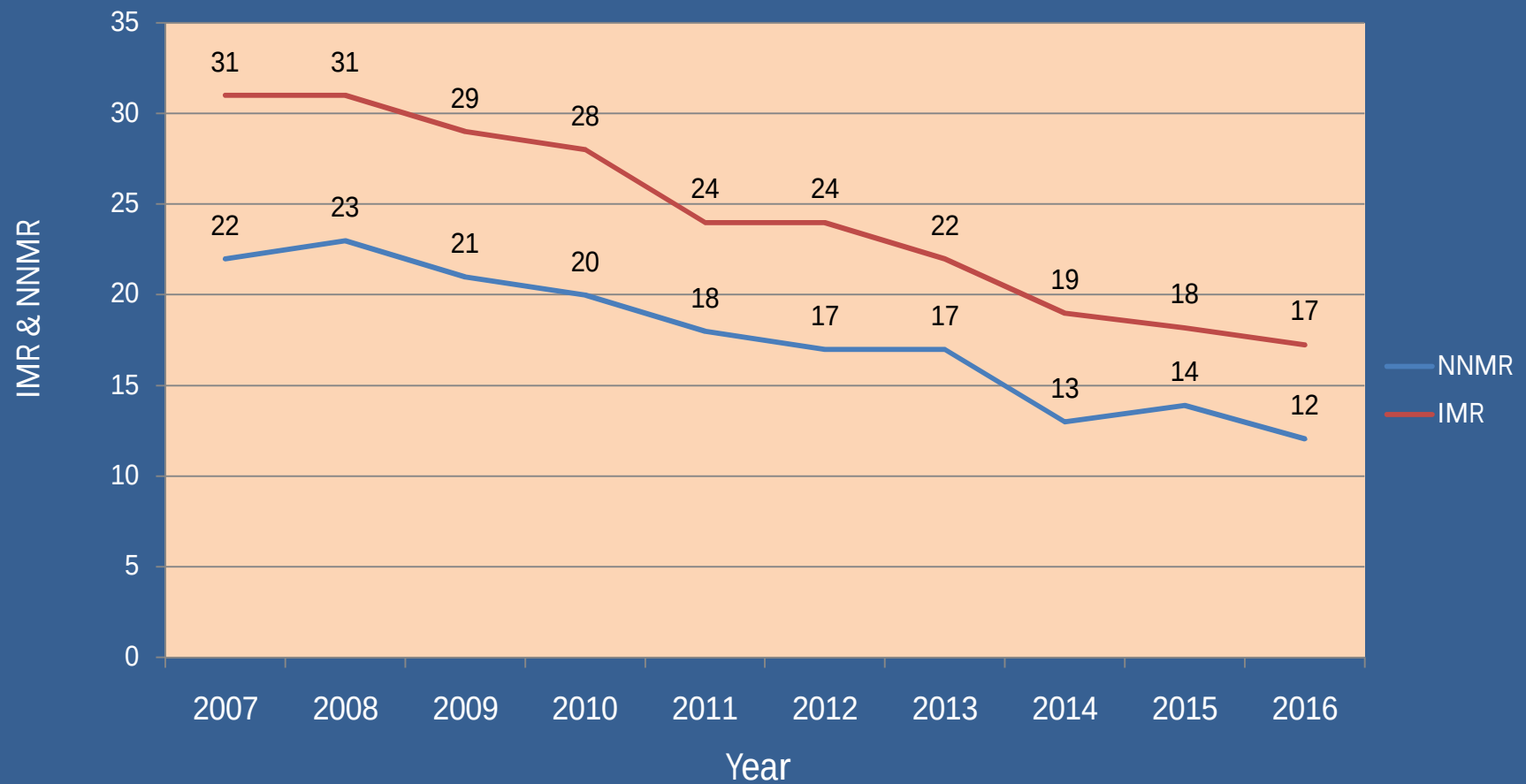
S.N.	Rates	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Fertility Rates											
1	Crude Birth Rate	17.6	17.8	17.3	16.9	16.6	16.4	16.1	15.6	14.78	14.33
2	Still Birth Rate	10.6	10.4	9.5	8.5	8.2	8.3	8.07	8.2	8.53	7.30
3	General Fertility Rate	69	69	67	65	65	65	64	62	59	56
4	Total Fertility Rate	2.18	2.21	2.14	2.08	2.07	2.08	2.03	1.97	1.91	1.8
5	Gross Reproduction Rate	1	1.02	0.98	0.95	0.95	0.98	0.96	0.94	0.92	0.86
6	Age Specific Fertility Rates										
i	15 - 19	18	17	15	14	14	13	13	10	9	9
ii	20 - 24	249	257	259	251	249	252	246	241	230	212
iii	25 - 29	133	134	128	124	127	124	123	117	121	114
iv	30 - 34	29	28	21	21	19	21	20	20	19	21
v	35 - 39	6	6	5	5	4	5	5	5	4	4
vi	40 - 44	0	0	0	1	0	1	0.5	0.4	0.3	0.1
vii	45 - 49	0	0	0	0	0	0	0	0	0	0
7	Sex Ratio at Birth	86	86	85	84	85	89	89	91	93	92
Mortality Rates											
1	Crude Birth Rate	7.1	6.7	6.6	6.8	6.3	6.2	6.3	6.3	6.36	6.47
2	Perinatal Mortality Rate	28	28	26	23	21	21	21	18	19.56	17.29
3	Early Neonatal Mortality Rate	18	18	17	15	13	13	13	10	11.14	8.82
4	Late Neonatal Mortality Rate	4	5	4	5	5	4	4	3	2.78	3.26
5	Neonatal Mortality Rate	22	23	21	20	18	17	17	13	13.92	12.07
6	Post Neonatal Mortality Rate	9	8	8	8	6	7	5	5	4.28	5.18
7	Infant Mortality Rate	31	31	29	28	24	24	22	19	18.20	17.26
8	Child Mortality Rate (0-4) Rate	8.7	7.5	6.9	6.8	5.6	5.2	5.1	4.3	4.13	6.47
9	Sex Ratio at Death	78	79	78	78	75	77	78	79	77.89	79.31

SURVEY OF CAUSES OF DEATHS (RURAL) - 2016

Trend of T.F.R. & G.R.R.



SURVEY OF CAUSES OF DEATHS (RURAL) - 2016
Contribution of Neonatal Mortality Rate & Infant Mortality Rate



MANAGEMENT INFORMATION SYSTEM

Survey of Causes of Deaths Scheme (Rural) - 2016
Management Information System-- Indicator & District Wise Performance

Statement No. 4

S.N.	District	Ind. 70(i)			Ind. 70(ii)			Ind. 70(iii)			Ind. 70(iv)		
		Reporting Efficiency			Birth Recording			Death Recording			Infant Death Recording		
		Exp. Level	Achievment	%	Exp. Level	Achievment	%	Exp. Level	Achievment	%	Exp. Level	Achievment	%
1	Raigad	636	636	100	1116	908	81	468	404	86	48	8	17
2	Thane	384	384	100	1415	906	64	287	182	63	88	2	2
3	Palghar	552	552	100	1549	1549	100	505	505	100	29	29	100
4	A'Nagar	1152	1152	100	3864	2886	75	1600	1377	86	50	40	80
5	Dhule	492	492	100	2064	1818	88	732	727	99	60	25	42
6	Nandurbar	696	696	100	2500	2359	94	750	674	90	60	51	85
7	Nashik	1236	1236	100	4628	4477	97	1507	1402	93	136	83	61
8	Pune	1344	1091	81	3700	2650	72	1401	1152	82	51	34	67
9	Satara	852	852	100	2000	1661	83	1100	1062	97	30	20	67
10	Solapur	924	924	100	3700	2921	79	1400	1329	95	70	47	67
11	Kolhapur	864	864	100	3155	2541	81	1444	1348	93	107	39	36
12	Sangli	708	708	100	2808	2668	95	1284	1303	101	96	26	27
13	Sindhudurg	456	456	100	850	598	70	850	725	85	17	11	65
14	Aurangabad	600	600	100	2061	1785	87	650	589	91	50	37	74
15	Jalana	480	480	100	2001	1786	89	853	612	72	15	27	180
16	Parbhani	372	372	100	1450	1326	91	500	422	84	40	25	63
17	Hingoli	288	288	100	1066	970	91	454	326	72	36	17	47
18	Latur	644	644	100	2272	1734	76	880	892	101	37	28	76
19	Beed	700	700	100	1950	1434	74	700	557	80	40	25	63
20	Nanded	780	780	100	3250	2276	70	1150	1019	89	90	47	52
21	Osmanabad	504	504	100	1365	1245	91	582	618	106	46	29	63
22	Akola	372	372	100	1900	1486	78	750	646	86	50	34	68
23	Washim	300	300	100	1050	828	79	450	389	86	30	19	63
24	Amrawati	672	672	100	1972	1811	92	1000	1004	100	60	42	70
25	Yavatmal	756	756	100	2266	1903	84	965	636	66	76	32	42
26	Bhandara	33	33	100	1300	1193	92	700	718	103	30	24	80
27	Gondia	480	480	100	1208	992	82	600	571	95	10	7	70
28	Chandrapur	696	696	100	1302	1043	80	650	751	116	32	19	59
29	Gadchiroli	540	540	100	950	703	74	450	397	88	30	26	87
30	Nagpur	49	49	100	1432	1380	96	718	684	95	38	33	87
31	Wardha	324	324	100	650	541	83	400	344	86	20	6	30
State		18886	18633	98.7	62794	52378	83	25780	23365	91	1572	892	57

Survey of Causes of Deaths Scheme (Rural) - 2016
Management Information System-- Indicator & Circle Wise Performance

Statement No. 4A

S.N.	Circle	Ind. 70(i)			Ind. 70(ii)			Ind. 70(iii)			Ind. 70(iv)		
		Reporting Efficiency			Birth Recording			Death Recording			Infant Death Recording		
		Exp. Level	Achievment	%	Exp. Level	Achievment	%	Exp. Level	Achievment	%	Exp. Level	Achievment	%
1	Thane	1572	1572	100	4080	3363	82	1260	1091	87	165	39	24
2	Nashik	3576	3576	100	13056	11540	88	4589	4180	91	306	199	65
3	Pune	2268	2015	89	7400	5571	75	2801	2481	89	121	81	67
4	Kolhapur	2880	2880	100	8813	7468	85	4678	4438	95	250	96	38
5	Aurangabad	1740	1740	100	6578	5867	89	2457	1949	79	141	106	75
6	Latur	2628	2628	100	8837	6689	76	3312	3086	93	213	129	61
7	Akola	2100	2100	100	7188	6028	84	3165	2675	85	216	127	59
8	Nagpur	2122	2122	100	6842	5852	86	3518	3465	98	160	115	72
State		18886	18633	99	62794	52378	83	25780	23365	91	1572	892	57

Fertility Analysis

- **Distribution Of Births by age of mother & birth Order**
- **Difference between two Deliveries**
- **Babies Weighed**
- **Births by Place of Occurrence & Attended**

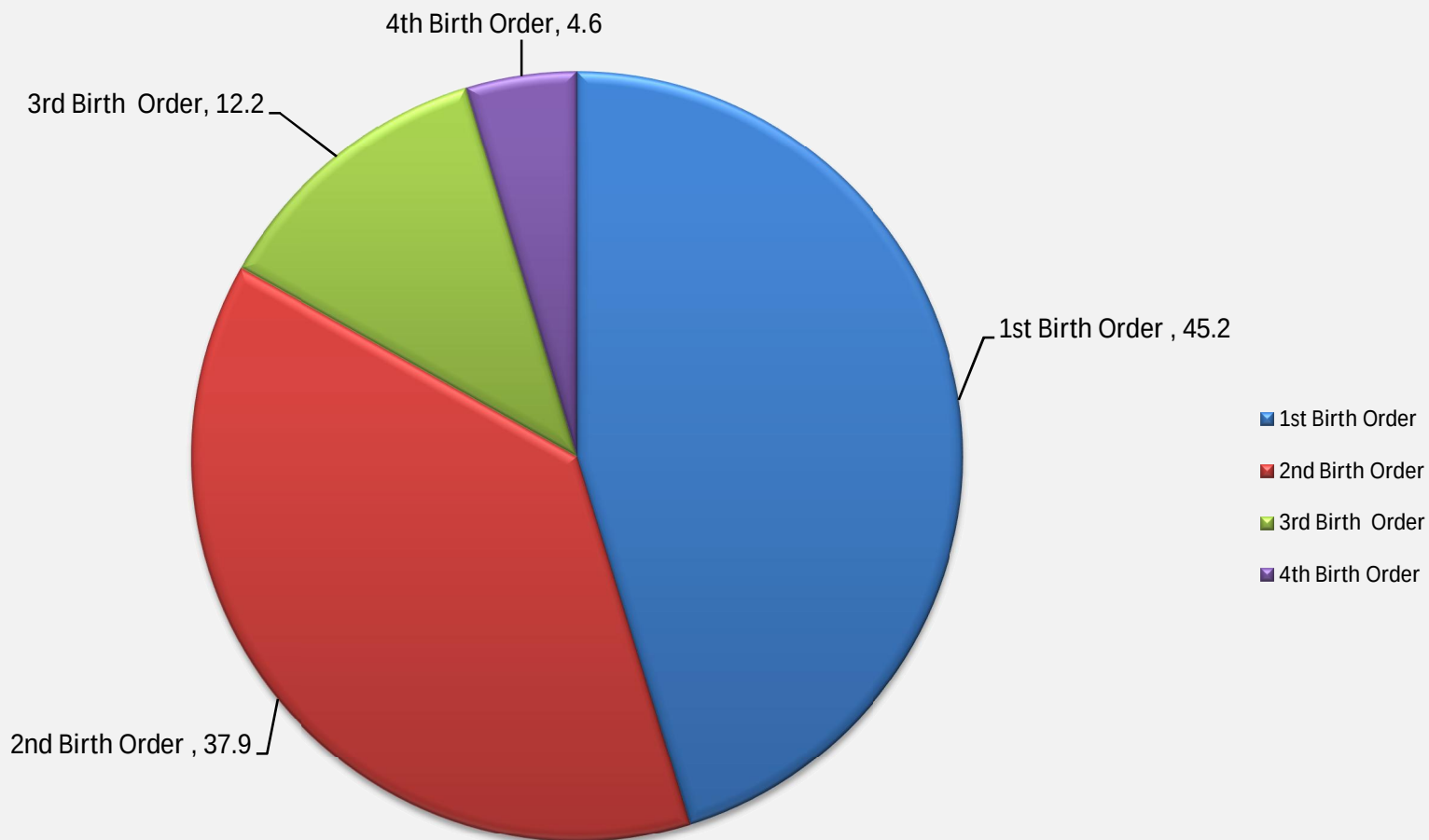
Survey Of Causes of Deaths Scheme (Rural) - 2016

Distribution of Births according to age of Mother & Birth Order State Total

Statement No. 3

S.N.	Age of Mother	Birth Order															% Births Occurred according to age of Mother
		1 st			2 nd			3 rd			4 th +			Total			
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	15 - 19	601	575	1176	34	24	58	8	6	14	0	0	0	643	605	1248	2
2	20 - 24	9768	9033	18801	5890	5561	11451	601	516	1117	93	79	172	16352	15189	31541	60
3	25 - 29	1659	1501	3160	3803	3622	7425	2238	1956	4194	691	633	1324	8391	7712	16103	31
4	30 - 34	260	204	464	407	392	799	526	381	907	409	345	754	1602	1322	2924	6
5	35 - 39	54	42	96	57	55	112	87	70	157	93	86	179	291	253	544	1
6	40 - 44	1	2	3	1	6	7	0	0	0	4	2	6	6	10	16	0
7	45 - 49	0	0	0	0	1	1	1	0	1	0	0	0	1	1	2	0
Total		12343	11357	23700	10192	9661	19853	3461	2929	6390	1290	1145	2435	27286	25092	52378	
% Births Occurred according to birth order		45.2			37.9			12.2			4.6			100			

Survey of Cause of Death (Rural) -2016
Births according to Birth Order(State Total)



Survey Of Causes of Deaths Scheme (Rural) 2016

Distribution of Births according to age of Mother & Birth Order (Tribal)

Statement No.3A

S.N.	Age of Mother	Birth Order														
		I st			II nd			III rd			IV ^{th+}			Total		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	15 - 19	168	146	314	11	11	22	4	4	8	0	0	0	183	161	344
2	20 - 24	1306	1267	2573	997	960	1957	170	162	332	44	31	75	2517	2420	4937
3	25 - 29	239	221	460	546	547	1093	480	441	921	223	182	405	1488	1391	2879
4	30 - 34	62	49	111	111	84	195	128	112	240	174	145	319	475	390	865
5	35 - 39	10	9	19	12	9	21	38	41	79	51	38	89	111	97	208
6	40 - 44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	45 - 49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1785	1692	3477	1677	1611	3288	820	760	1580	492	396	888	4774	4459	9233

Survey of Causes of Deaths Scheme - 2016

Interval between two deliveries (%)

Statement No. 7

S.N.	District	Total Births	Primy	Multipara	% of duration between two Successive deliveries in Multipara			
					Within 12 months	12 - 24 months	25 - 36 months	more than 36 months
1	Raigad	908	409	499	63.73	25.05	11.22	0.00
2	Thane	906	400	506	2.77	33.60	45.06	18.58
3	Palghar	1549	376	1173	7.84	52.86	35.21	4.09
4	A'Nagar	2886	1321	1565	1.34	51.95	28.56	18.15
5	Dhule	1818	728	1090	1.47	79.00	18.00	2.00
6	Nandurbar	2359	702	1657	5.49	66.69	24.62	3.20
7	Nashik	4477	1977	2500	2.96	13.00	63.00	21.00
8	Pune	2650	1403	1247	0.16	40.74	47.31	11.71
9	Satara	1661	849	812	3.45	49.38	37.32	9.85
10	Solapur	2921	1275	1646	0.30	71.14	10.57	17.98
11	Kolhapur	2541	1228	1313	3.12	32.14	41.05	23.69
12	Sangli	2668	1322	1346	0.15	26.67	43.61	29.57
13	Sindhudurg	598	292	306	0.65	19.93	32.03	47.39
14	Aurangabad	1785	665	1120	0.00	50.00	41.79	8.21
15	Jalana	1786	749	1037	1.06	37.42	48.89	12.63
16	Parbhani	1326	495	831	1.20	47.89	36.46	14.44
17	Hingoli	970	469	501	0.00	39.32	49.50	11.18
18	Latur	1734	745	989	1.01	58.54	33.16	7.28
19	Beed	1434	564	870	64.48	25.40	10.11	0.00
20	Nanded	2276	1270	1006	3.98	63.72	25.55	6.76
21	Osmanabad	1245	592	653	0.92	53.60	36.91	8.58
22	Akola	1486	708	778	3.47	33.93	45.12	17.10
23	Washim	828	378	450	0.00	40.44	46.44	13.11
24	Amrawati	1811	830	981	17.13	44.65	30.38	7.85
25	Yavatmal	1903	907	996	0.80	59.84	30.72	8.63
26	Bhandara	1193	579	614	5.37	35.83	39.90	18.89
27	Gondia	992	478	514	1.36	47.86	35.99	14.79
28	Chandrapur	1043	510	533	0.00	51.41	39.02	9.57
29	Gadchiroli	703	321	382	1.83	32.72	37.70	27.75
30	Nagpur	1380	670	710	3.38	36.48	40.42	19.72
31	Wardha	541	272	269	1.49	14.13	47.58	36.80
State		52378	23484	28894	5.61	44.73	35.24	14.40

Statement No. 7

S.N.	District	Total Births	Primy	Total	% of duration between two Succesive deliveries			
					Within 12 months	12 - 24 months	24 - 36 months	more than 36 months
1	Raigad	15	10	5	60.00	40.00	0.00	0.00
2	Thane	148	75	73	5.48	42.47	35.62	16.44
3	Palghar	1297	232	0	44.00	588.00	395.00	38.00
4	A'Nagar	134	0	134	0.00	0.00	0.00	0.00
5	Dhule	717	0	717	0.00	0.00	0.00	0.00
6	Nandurbar	2269	680	1589	3.90	68.41	24.86	2.83
8	Nashik	1851	826	1025	3.12	20.49	130.73	24.49
9	Pune	79	39	40	0.00	27.50	62.50	10.00
10	Nanded	410	234	176	2.84	60.80	23.30	0.57
11	Amrawati	339	141	198	18.18	40.40	31.82	9.60
12	Yavatmal	449	184	265	2.26	58.11	34.72	4.91
13	Gondia	372	185	187	1.07	48.66	38.50	14.44
14	Chandrapur	341	168	173	0.00	49.71	39.88	10.40
15	Gadchiroli	703	321	382	1.83	32.72	37.70	27.75
16	Nagpur	109	0	109	0.00	0.00	0.00	0.00
Total (Tribal)		9233	3095	5073	2.46	31.15	35.59	7.79

Survey of Causes of Deaths Scheme - 2016
Circlewise Interval between two deliveries (%)

Statement No. 7A

S.N.	Circle	Total Births	Primy	Multipara	% of duration between two Succesive deliveries			
					Within 12 months	12 - 24 months	24 - 36 months	more than 36 months
1	Thane	3363	1185	2178	19.47	42.01	32.00	6.52
2	Nashik	11540	4728	6812	2.97	45.68	35.14	16.21
3	Pune	7232	3527	3705	0.94	56.14	28.80	14.09
4	Kolhapur	5807	2842	2965	1.52	28.40	41.28	28.80
5	Aurangabad	5867	2378	3489	0.60	44.22	43.74	11.44
6	Latur	6689	3171	3518	17.54	50.91	25.98	5.57
7	Akola	6028	2823	3205	21.40	178.87	152.66	46.69
8	Nagpur	5852	2830	3022	2.48	38.45	39.61	19.46
Total		52378	23484	28894	5.61	44.73	35.24	14.40

Survey Of Causes of Deaths Scheme (Rural) - 2016

Distribution of Babies according to Birth Weight (%)

Statement No. 8

S.N.	District	Total Births	% Birth Weight			
			Below 2000 gms	2000- 2500 gms	Above 2500 gms	Weight Not taken
1	2	3	4	5	6	7
1	Raigad	908	1	23	76	0
2	Thane	906	2	21	77	0
3	Palghar	1549	4	11	79	6
4	A'Nagar	2886	1	4	90	5
5	Dhule	1818	1	22	76	0
6	Nandurbar	2359	3	10	80	7
7	Nashik	4477	1	1	96	2
8	Pune	2650	1	18	81	0
9	Satara	1661	16	39	44	0
10	Solapur	2921	3	20	77	0
11	Kolhapur	2541	3	19	78	0
12	Sangli	2668	0	5	95	0
13	Sindhudurg	598	5	19	76	0
14	Aurangabad	1785	3	45	51	1
15	Jalana	1786	1	21	78	0
16	Parbhani	1326	2	24	74	1
17	Hingoli	970	0	3	97	0
18	Latur	1734	2	19	77	1
19	Beed	1434	2	21	76	0
20	Nanded	2276	2	2	96	0
21	Osmanabad	1245	2	22	76	0
22	Akola	1486	3	12	84	0
23	Washim	828	3	17	80	0
24	Amrawati	1811	3	6	90	1
25	Yavatmal	1903	2	3	91	4
26	Bhandara	1193	7	26	66	0
27	Gondia	992	3	12	85	0
28	Chandrapur	1043	1	13	86	0
29	Gadchiroli	703	4	31	64	0
30	Nagpur	1380	4	8	85	2
31	Wardha	541	1	8	91	0
State		52378	3	15	81	1

Survey Of Causes of Deaths Scheme (Rural) - 2016

Distribution of Babies according to Birth Weight (Absolute figure)

Statement No. 8A

S.N.	District	Total Births	Babies with weight below 2500gms.	Babies Survived out of Col no 4	% of babies survived
1	2	3	4	5	7
1	Raigad	908	217	209	96
2	Thane	906	209	207	99
3	Palghar	1549	232	203	88
4	A'Nagar	2886	161	121	75
5	Dhule	1818	427	402	94
6	Nandurbar	2359	296	245	83
7	Nashik	4477	76	89	117
8	Pune	2650	502	468	93
9	Satara	1661	923	903	98
10	Solapur	2921	674	627	93
11	Kolhapur	2541	562	523	93
12	Sangli	2668	128	102	80
13	Sindhudurg	598	142	131	92
14	Aurangabad	1785	864	827	96
15	Jalana	1786	394	367	93
16	Parbhani	1326	343	318	93
17	Hingoli	970	26	25	96
18	Latur	1734	378	350	93
19	Beed	1434	337	46	14
20	Nanded	2276	92	64	70
21	Osmanabad	1245	295	266	90
22	Akola	1486	232	198	85
23	Washim	828	164	52	32
24	Amrawati	1811	165	123	75
25	Yavatmal	1903	100	68	68
26	Bhandara	1193	400	368	92
27	Gondia	992	152	128	84
28	Chandrapur	1043	145	138	95
29	Gadchiroli	703	251	232	92
30	Nagpur	1380	174	138	79
31	Wardha	541	50	38	76
State		52378	9111	7976	88

Survey Of Causes of Deaths Scheme (Rural) 2016

Circlewise Distribution of Babies according to Birth Weight (%)

Statement No. 8B

S.N.	Circle	Total Births	% Birth Weight			
			Below 2000 gms	Below 2500	Above 2500	Weight Not taken
1	2	3	4	5	6	7
1	Thane	3363	3	17	78	3
2	Nashik	11540	1	7	88	4
3	Pune	7232	6	23	71	0
4	Kolhapur	5807	2	13	85	0
5	Aurangabad	5867	2	26	72	0
6	Latur	6689	2	14	83	0
7	Akola	4125	3	8	88	1
8	Nagpur	5852	4	16	79	1
State		52378	3	15	81	1

Survey Of Causes of Deaths Scheme (Rural) 2016

**Circlewise Distribution of Babies according to Birth Weight (Absolute figure)
Statement No. 8C**

S.N.	Circle	Total Births	Babies with weight below 2500gms.	Babies Survived out of Col no 4 + 5	% of babies survived
1	2	3	4	5	6
1	Thane	3363	658	619	94.07
2	Nashik	11540	960	857	89.27
3	Pune	7232	2099	1998	95.19
4	Kolhapur	5807	832	756	90.87
5	Aurangabad	5867	1627	1537	94.47
6	Latur	6689	1102	726	65.88
7	Akola	6028	661	441	66.72
8	Nagpur	5852	1172	1042	88.91
State		52378	9111	7976	87.54

Survey Of Causes of Deaths Scheme (Rural) - 2016
Births by Place of Occurrence & Attended (%)

Statement No. 9

S.N.	District	Total Births	Institutional Births(%)				Total Domiciliary Births(%)	% of Domiciliary Births attended by			
			Sub Center	P.H.C.	Hospital	Total		A.N.M.	Tr.dai	U.T.D.	Other
1	Raigad	908	6.06	17.84	75.33	99.23	0.77	0.22	0.55	0.00	0.00
2	Thane	906	6.84	6.84	68.21	81.90	18.10	11.37	0.77	0.11	5.85
3	Palghar	1549	10.59	29.70	40.54	80.83	19.17	10.65	7.75	0.77	0.00
4	A'Nagar	2886	4.16	3.47	88.74	96.36	3.64	3.40	0.14	0.03	0.07
5	Dhule	1818	48.29	10.51	39.11	97.91	2.09	0.99	0.28	0.72	0.11
6	Nandurbar	2359	10.22	26.88	43.32	80.42	19.58	13.40	4.37	1.82	0.00
7	Nashik	4477	45.68	32.12	20.15	97.95	2.05	1.70	0.34	0.00	0.02
8	Pune	2650	6.00	13.06	80.79	99.85	0.15	0.11	0.04	0.00	0.00
9	Satara	1661	6.44	11.74	80.01	98.19	1.81	1.20	0.24	0.12	0.24
10	Solapur	2921	28.93	22.73	48.17	99.83	0.17	0.00	0.10	0.00	0.07
11	Kolhapur	2541	3.66	11.45	84.89	100.00	0.00	0.00	0.00	0.00	0.00
12	Sangli	2668	9.93	11.73	78.34	100.00	0.00	0.00	0.00	0.00	0.00
13	Sindhudurg	598	1.17	8.70	89.97	99.83	0.17	0.17	0.00	0.00	0.00
14	Aurangabad	1785	7.56	10.08	81.46	99.10	0.90	0.50	0.17	0.11	0.11
15	Jalana	1786	13.94	11.20	74.58	99.72	0.28	0.22	0.06	0.00	0.00
16	Parbhani	1326	10.33	7.39	82.13	99.85	0.15	0.00	0.15	0.00	0.00
17	Hingoli	970	3.81	5.57	90.62	100.00	0.00	0.00	0.00	0.00	0.00
18	Latur	1734	9.17	13.26	77.45	99.88	0.12	0.00	0.12	0.00	0.00
19	Beed	1434	4.18	5.23	90.59	100.00	0.00	0.00	0.00	0.00	0.00
20	Nanded	2276	14.94	34.97	49.74	99.65	0.35	0.00	0.04	0.31	0.00
21	Osmanabad	1245	8.67	17.99	73.01	99.68	0.32	0.00	0.08	0.08	0.16
22	Akola	1486	4.64	12.92	80.69	98.25	1.75	0.20	0.00	0.00	1.55
23	Washim	828	16.30	12.20	70.53	99.03	0.97	0.00	0.36	0.24	0.36
24	Amrawati	1811	15.24	12.64	60.08	87.96	12.04	7.73	2.98	0.77	0.55
25	Yavatmal	1903	8.20	12.03	69.10	89.33	10.67	10.67	0.00	0.00	0.00
26	Bhandara	1193	11.99	17.44	70.41	99.83	0.17	0.00	0.17	0.00	0.00
27	Gondia	992	32.36	13.00	54.64	100.00	0.00	0.00	0.00	0.00	0.00
28	Chandrapur	1043	38.16	11.89	47.84	97.89	2.11	1.44	0.67	0.00	0.00
29	Gadchiroli	703	39.83	8.25	50.21	98.29	1.71	1.00	0.71	0.00	0.00
30	Nagpur	1380	14.64	23.26	60.94	98.84	1.16	1.16	0.00	0.00	0.00
31	Wardha	541	8.87	11.83	78.93	99.63	0.37	0.18	0.18	0.00	0.00
	State	52378	15.83	16.08	64.75	96.66	3.34	2.29	0.67	0.19	0.00

MORTALITY ANALYSIS

- Deaths By Place of Occurrence
- Mortality Trend
- Top Ten Killer Diseases of all age Groups
- Top Five killer Diseases (1-4yr)
- Top Five Killer Disease (15-49yr) in Female Group
- Top ten killer Diseases of 65+yrs
- Causes by Age & Sex

Survey Of Causes of Deaths Scheme (Rural) - 2016
Deaths by Place of Occurance (%)

Statement - 10

S.N.	District	Total Deaths	Institutional Deaths(%)			Domiciliary Deaths(%)
			P.H.C.	Other	Total	
1	Raigad	404	0	24	24	76
2	Thane	182	1	31	32	68
3	Palghar	505	0	74	74	26
4	A'Nagar	1377	0	84	84	16
5	Dhule	727	0	13	13	87
6	Nandurbar	674	0	72	72	28
7	Nashik	1402	0	92	92	8
8	Pune	1152	0	20	20	80
9	Satara	1062	0	22	22	78
10	Solapur	1329	1	13	15	85
11	Kolhapur	1348	2	29	31	69
12	Sangli	1303	0	17	17	83
13	Sindhudurg	725	0	13	13	87
14	Aurangabad	589	0	53	53	47
15	Jalana	612	0	18	18	82
16	Parbhani	422	1	46	47	53
17	Hingoli	326	1	14	15	85
18	Latur	892	0	12	12	88
19	Beed	557	1	15	16	84
20	Nanded	1019	2	14	16	84
21	Osmanabad	618	1	24	25	75
22	Akola	646	1	19	19	81
23	Washim	389	1	21	21	79
24	Amrawati	1004	10	38	48	52
25	Yavatmal	636	0	38	38	62
26	Bhandara	718	0	17	18	82
27	Gondia	571	0	9	9	91
28	Chandrapur	751	0	18	18	82
29	Gadchiroli	397	1	16	17	83
30	Nagpur	684	3	17	19	81
31	Wardha	344	5	37	42	58
State		23365	1	32	33	67

Survey of Causes of Deaths Scheme (Rural) - 2016

Circlewise Deaths by Place of Occurance (%)

Statement - 10A

S.N.	Circle	Total Deaths	Institutional Deaths(%)			Domiciliary Deaths(%)
			P.H.C.	Other	Total	
1	Thane	1091	0	48	48	52
2	Nashik	4180	0	73	73	27
3	Pune	3543	1	18	19	81
4	Kolhapur	3376	1	21	22	78
5	Aurangabad	1949	0	34	34	66
6	Latur	3086	1	16	17	83
7	Akola	2675	4	31	35	65
8	Nagpur	3465	1	18	19	81
State		23365	1	32	33	67

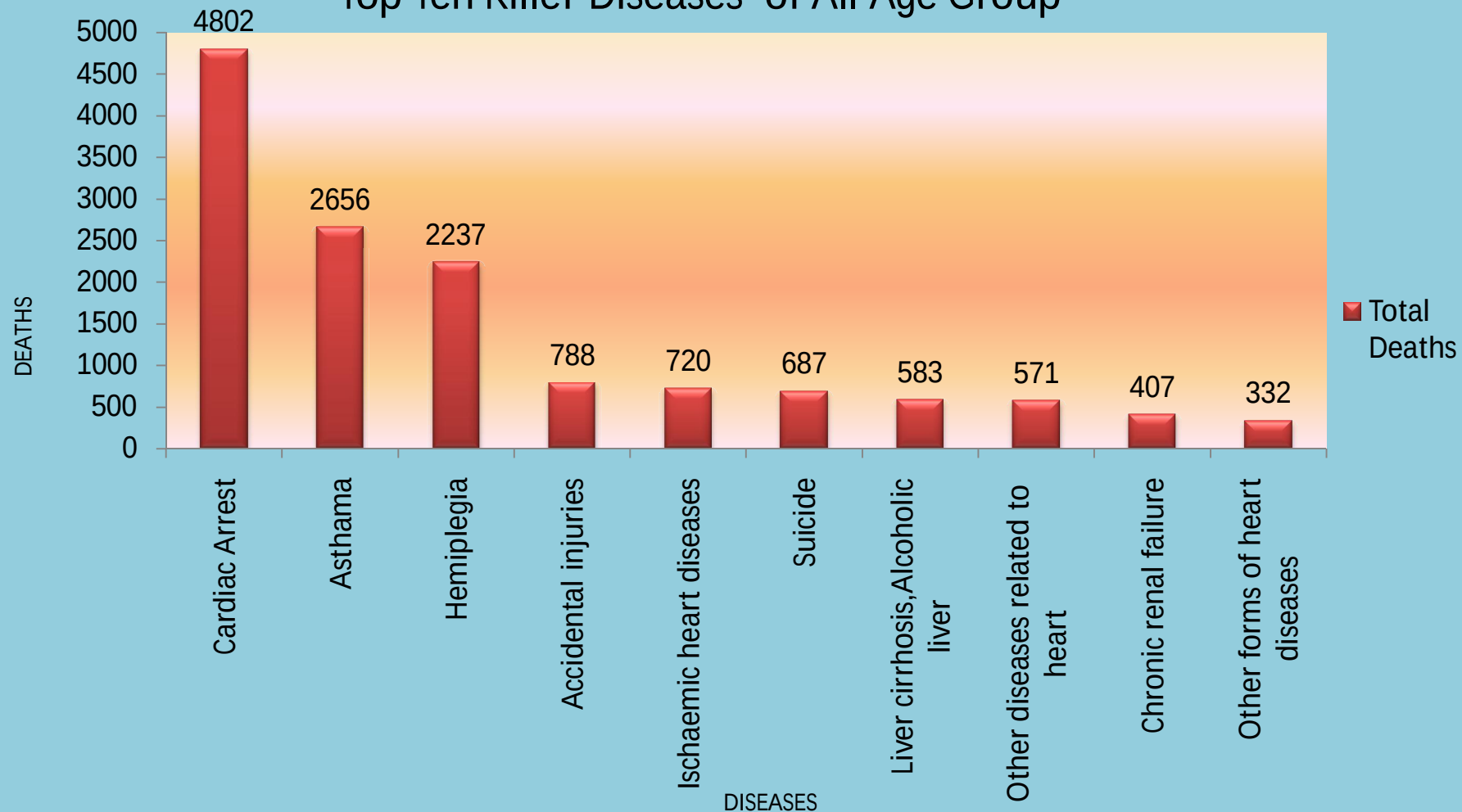
Survey of Causes of Deaths Scheme (Rural) - 2016

Top Ten Killer Diseases (all age Groups)

S.N.	Disease	Code No	Male	Female	Total	% to total Deaths (23365)
1	Cardiac Arrest	4 I	2771	2031	4802	21
2	Asthama	2 J	1362	1294	2656	11
3	Hemiplegia	3 G	1163	1074	2237	10
4	Accident injuries	1 S	591	197	788	3
5	Ischaemic heart diseases	2 I	414	306	720	3
6	Suicide	3 X	517	170	687	3
7	Liver cirrhosis,Alcoholic liver	4 K	466	117	583	2
8	Other diseases related to heart	7 I	309	262	571	2
9	Chronic renal failure	2 N	265	142	407	2
10	Other forms of heart diseases	3 I	175	157	332	1
Total			7858	5593	13451	58

SURVEY OF CAUSES OF DEATHS (RURAL) - 2016

Top Ten Killer Diseases of All Age Group



Major five Killer Diseases of age group (1 - 4yr)

S.N.	Disease	Code No	Male	Female	Total	% to total Deaths (299) in age group 1-4	% to total Deaths (23365)
1	Accidental injuries	1 S	11	9	20	7	0.09
2	Pneumonia & Bronchitis	1 J	9	7	16	5	0.07
3	Accidental drowning	7 T	10	5	15	5	0.06
4	Other diseases of Accidents & injuries & Poisoning	5 X	4	6	10	3	0.04
5	Congenital malformations deformations & chromosomal abnormalities	1 Q	3	5	8	3	0.03
Total			37	32	69	23	0.30

Survey of Causes of Deaths Scheme (Rural) - 2016

Major 5 Killer Diseases of Females in age group (15 - 44yrs)

S.N.	Disease	Code No	Females Deaths	% to total Female Deaths (935) in age group 15-44	% to total Deaths (23365)
1	Cardiac Arrest	4 I	127	13.6	0.5
2	Suicide	3 X	123	13.2	0.5
3	Accident injuries	1 S	71	7.6	0.3
4	Accidental burns	1 T	46	4.9	0.2
5	Asthama	2 J	29	3.1	0.1
	Total		396	42.4	1.7

SURVEY OF CAUSES OF DEATHS SCHEME - 2016
CLASSIFICATION OF CAUSE OF DEATHS BY AGE & SEX

S.N.	CAUSE OF DEATH	Code No.	0 - 1		1 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 - 84		85 +		Total			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total	
Group No. 1 : Infectious & Parasitic diseases																												
1	Cholera	1A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Typhoid & Paratyphoid	2A	2	2	0	2	4	1	1	3	2	1	1	1	2	1	3	0	0	1	3	1	0	0	18	13	31	
3	Dysentry	3A	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	1	0	1	4	4	8	
4	Diarrhoeal Diseases & Gastroenteritis	4A	0	0	1	2	0	0	0	0	0	0	4	0	2	0	0	0	0	1	1	0	2	0	10	3	13	
5	Pulmonary Tuberculosis	5A	0	0	0	0	1	1	3	4	10	6	15	8	27	11	23	7	29	10	10	4	5	1	123	52	175	
6	Extra Pul. T.B.	6A	0	0	1	0	1	4	0	1	4	1	8	2	7	3	8	0	5	0	5	1	0	0	39	12	51	
7	Plague	7A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Leprosy	8A	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	3	2	5	
9	Tetanus	9A	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
10	Diphtheria	10A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	Pertussis	11A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	Acute poliomyelitis	12A	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
13	Rabies	13A	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	
14	Dengue	14A	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	
15	Chickenpox	1B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	Measles	2B	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
17	Viral hepatitis	3B	2	5	2	0	1	3	4	7	2	7	4	3	9	2	7	1	5	3	2	2	2	1	40	34	74	
18	H.I.V.	4B	0	0	0	0	1	2	4	1	13	7	20	19	21	8	6	4	4	2	6	2	0	0	75	45	120	
19	Malaria	5B	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	Other infectious & Parasitic Diseases	6B	1	1	0	1	2	2	0	4	1	2	1	1	0	3	4	1	6	5	6	3	4	4	25	27	52	
	Sub total of Group 1		6	8	6	6	10	14	12	20	33	24	53	34	70	29	52	13	51	25	34	14	14	8	341	195	536	

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No.2: Cancer																											
21	Cancer of lips,mouth,	1C	0	1	0	0	1	3	6	1	6	2	20	9	38	21	38	29	37	32	28	16	13	9	187	123	310
22	Cancer of Digestive Organs	2C	0	0	2	0	1	1	3	8	7	5	10	5	22	19	32	26	44	31	20	25	10	18	151	138	289
23	Cancer of Resppiratory & intrathoracic organs	3C	0	0	0	0	1	0	1	1	0	1	5	1	8	7	11	18	22	10	10	6	6	1	64	45	109
24	Cancer of Breast	4C	0	0	0	0	0	0	0	1	0	4	0	8	1	12	0	17	1	10	0	2	0	2	2	56	58
25	Cancer of bone & cartilage	5C	0	0	0	0	0	4	1	0	1	0	3	2	3	2	2	3	9	9	1	2	0	3	20	25	45
26	Cancer of female genital organs	6c	0	0	0	0	0	0	0	3	0	7	0	11	1	30	0	31	2	36	0	12	2	11	5	141	146
27	Cancer of male genital organs	7c	0	0	0	0	0	0	0	0	1	0	3	0	5	0	14	1	10	0	8	0	3	1	44	2	46
28	Cancer of urinary trac	8C	0	0	0	0	0	0	1	0	0	0	5	0	1	1	14	0	12	4	3	1	2	1	38	7	45
29	cancer of eye,brain,& other part of central nervous system	9C	0	0	1	0	1	0	1	3	3	2	4	3	6	3	10	11	9	10	6	6	1	1	42	39	81
30	Cancer of lymphoid	10C	1	1	2	0	0	2	4	4	5	4	5	5	9	9	13	9	12	15	6	3	1	1	58	53	111
31	Cancer of other organs	11c	0	0	1	1	1	0	3	1	3	2	19	9	21	29	22	25	28	30	20	12	8	4	126	113	239
	Sub total of Group 2		1	2	6	1	5	10	20	22	26	27	74	53	115	133	156	170	186	187	102	85	46	52	737	742	1479
Group No.3 : Diseases of the blood forming organs & certain disorders involving the immune mechanism																											
32	Anaemia - all types	1D	1	0	3	2	0	2	6	1	4	4	7	2	2	7	5	8	24	23	42	33	34	41	128	123	251
33	Coagulation defect	2D	0	0	1	0	0	0	0	1	1	0	1	0	0	0	2	0	8	3	12	10	10	8	35	22	57
34	Other diseases related to blood formation	3D	0	0	0	1	0	0	2	1	2	0	2	0	0	1	1	4	6	7	5	6	9	9	27	29	56
	Subtotal of Group 3		1	0	4	3	0	2	8	3	7	4	10	2	2	8	8	12	38	33	59	49	53	58	190	174	364
Group No.4 : Endocrine, Nutritional & metabolic diseases																											
35	Disorder of thyroid	1E	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	2	3	2	1	1	2	1	9	7	16
36	Diabetes Mellitus	2E	0	0	0	0	0	1	1	2	1	1	6	4	20	15	54	21	79	53	53	37	42	29	256	163	419
37	Diseases of other endocrine glands	3E	0	0	1	0	0	0	0	2	0	0	3	0	3	0	3	1	3	8	5	11	5	3	23	25	48
38	Malnutrition	4E	1	2	1	0	1	1	0	0	0	0	1	1	0	1	2	3	2	0	5	7	0	1	13	16	29
	Subtotal of Group 4		1	2	3	0	2	3	1	4	1	1	10	5	23	16	60	27	87	63	64	56	49	34	301	211	512

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No. 5 : Mental & Behavioural Disorders																											
39	Mental & Behavioural disorder	1F	0	0	2	2	8	8	8	4	3	8	7	3	8	4	3	1	5	6	6	2	3	9	53	47	100
	Subtotal of Group 5		0	0	2	2	8	8	8	4	3	8	7	3	8	4	3	1	5	6	6	2	3	9	53	47	100
Group No.6 : Diseases of Nervous System																											
40	Encephalitis & Meningitis	1G	2	3	3	0	2	2	5	1	3	0	2	6	1	0	2	5	2	9	2	4	1	5	25	35	60
41	Epilepsy	2G	3	4	5	3	1	6	4	5	3	3	7	7	9	7	7	9	24	29	60	37	38	43	161	153	314
42	Hemiplegia	3G	0	0	0	1	2	2	7	3	14	5	21	15	54	38	116	84	300	275	379	331	270	320	1163	1074	2237
43	Other diseases of nervous system	4G	3	0	0	1	1	0	5	4	2	2	3	5	3	3	4	4	15	9	9	12	5	16	50	56	106
	Subtotal of Group 6		8	7	8	5	6	10	21	13	22	10	33	33	67	48	129	102	341	322	450	384	314	384	1399	1318	2717
Group No. 7: diseases of Eye & adnexa																											
44	Diseases of eye & adnexa	1H	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2
	Sub total of Group 7		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2
Group No. 8 : Diseases of ear & mastoid process																											
45	Diseases of ear & mastoid process	2H	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2
	Sub total of Group 8		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2
Group No.9 : Diseases of Circulatory System																											
46	Acute rheumatic fever	1I	2	1	1	0	0	0	1	0	1	0	3	3	10	4	7	8	10	15	8	7	13	6	56	44	100
47	Ischaemic heart diseases	2I	5	1	3	2	1	6	5	8	11	8	21	6	44	16	84	41	101	88	83	64	56	66	414	306	720
48	Other forms of heart diseases	3I	2	6	1	5	1	5	3	3	7	3	14	8	16	14	30	20	31	39	43	31	27	23	175	157	332
49	Cardiac Arrest	4I	4	7	4	3	2	5	24	26	68	25	131	76	285	140	463	223	650	520	596	466	544	540	2771	2031	4802
50	Congestive Cardiac failure	5I	0	0	0	2	0	0	3	2	4	2	8	2	15	13	27	17	32	31	33	26	42	49	164	144	308
51	Cerebral haemorrhage	6I	1	4	1	1	2	1	3	4	2	3	3	7	8	4	12	14	27	27	18	16	14	17	91	98	189
52	Other diseases related to heart	7I	3	8	4	1	2	4	4	4	7	5	21	5	37	19	53	43	75	48	46	55	57	70	309	262	571
	Sub total of Group 9		17	27	14	14	8	21	43	47	100	46	201	107	415	210	676	366	926	768	827	665	753	771	3980	3042	7022

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No.10 : Diseases of Respiratory System																											
53	Pneumonia & Bronchitis	1J	26	23	9	7	7	2	3	7	2	3	7	5	3	4	11	15	16	19	34	42	40	48	158	175	333
54	Asthama	2J	1	1	2	2	0	4	3	3	9	12	28	14	43	47	181	142	561	541	777	796	826	901	2431	2463	4894
55	Other Diseases of Respiratory System	3J	0	2	6	2	2	0	0	0	0	3	3	3	3	9	15	6	29	19	30	34	31	38	119	116	235
	Subtotal of Group 10		27	26	17	11	9	6	6	10	11	18	38	22	49	60	207	163	606	579	841	872	897	987	2708	2754	5462
Group No.11: Diseases of Digestive System																											
56	Peptic Ulcer	1K	0	2	2	0	1	1	2	1	5	2	5	0	8	10	11	11	11	15	8	11	1	5	54	58	112
57	Appendicitis	2K	1	0	0	0	1	0	0	2	3	0	2	1	4	4	9	5	8	6	2	7	2	4	32	29	61
58	Hernia	3K	0	0	0	0	0	0	0	0	2	0	0	1	2	0	3	1	5	2	3	1	1	0	16	5	21
59	Liver cirrhosis, Alcoholic liver	4K	0	0	1	0	3	2	4	6	31	6	87	8	105	14	98	15	70	22	50	22	17	19	466	114	580
60	Diseases of gallbladder,biliary tract	5K	0	0	0	0	0	1	0	1	2	1	2	1	2	4	7	2	7	6	7	4	7	9	34	29	63
61	Other diseases of Digestive System	6K	2	1	2	2	1	1	1	2	2	1	6	1	3	6	8	2	18	17	15	14	33	26	91	73	164
	Subtotal of Group 11		3	3	5	2	6	5	7	12	45	10	102	12	124	38	136	36	119	68	85	59	61	63	693	308	1001
GroupNo.12: Diseases of Skin & subcutaneous tissues																											
62	Diseases of skin & subcutaneous tissues	1L	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	2	0	0	0	4	2	6
	Subtotal of Group 12		0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	2	0	0	0	4	2	6
Group No.13 : Diseases of musculoskeletal system & connective tissues																											
63	Diseases of	1M	0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	1	5	6	5	4	6	3	21	17	38
	Subtotal of Group 13		0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	1	5	6	5	4	6	3	21	17	38
Group No. 14: Diseases of Genitourinary System																											
64	Acute renal failure	1N	3	1	2	3	1	1	4	2	13	1	19	11	29	10	23	17	31	21	32	20	13	14	170	101	271
65	Chronic renal failure	2N	1	0	1	0	2	3	4	5	15	2	33	8	50	17	42	27	46	35	29	29	42	16	265	142	407
66	Diseases of male genital organs	3N	0	0	0	0	0	0	0	0	2	0	2	0	4	0	2	1	3	0	1	0	4	1	18	2	20
67	Diseases of breast & female genital organs	4N	0	0	0	0	0	0	0	0	0	1	1	1	1	5	0	5	0	12	0	2	0	3	2	29	31
68	Other diseases of genitory system	5N	0	0	1	0	1	1	1	0	2	1	0	1	3	2	5	1	3	2	1	6	5	1	22	15	37
	Subtotal of Group 14		4	1	4	3	4	5	9	7	32	5	55	21	87	34	72	51	83	70	63	57	64	35	477	289	766

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No. 15 : Diseases related to pregnancy, child birth & Puerperium																											
69	Ectopic Pregnancy	1-O	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	3
70	Pregnancy with abortive outcome	2-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
71	Toxaemia of Pregnancy	3-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72	Antepartum Haemorrhage	4-O	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
73	Maternal disorders predominantaly related to Pregnancy	5-O	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
74	Complications of Labour	6-O	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
75	Intrapartum haemorrhage	7-O	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	2	3
76	Obstetric trauma	8-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Postpartum haemorrhage	9-O	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
78	Puerperal sepsis	10-O	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
79	T.B. complicating pregnancy, childbirth & pureperium	11-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80	Viral hepatitis complicating pregnancy childbirth & pureperium	12-O	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
81	Malaria complicating pregnancy childbirth & pureperium	13-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
82	Other infectious & parasaitic complicating pregnancy child birth & pureperium	14-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	Anaemia related to pregnancy	15-O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2
84	Other diseases related to pregnancy	16-O	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4
	Subtotal of Group 15		0	2	0	0	0	1	0	9	1	10	0	0	0	0	0	0	0	0	2	1	0	1	3	24	27

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No.16 : Certain conditions originating in the perinatal period																											
85	Fetus & new born affected by maternal factors & by complication of pregnancy, labour &	1P	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	6
86	Intrauterine growth retardation	2P	5	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	9	15
87	Conditions related to premature & L.B.W.	3P	195	158	6	5	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	202	164	366
88	Birth trauma	4P	7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	7	9	16
89	Intrauterine hypoxia & birth asphyxia	5P	52	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	27	79
90	Neonatal Aspiration syndrome	6P	22	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	12	34
91	Infections specific to the perinatal period	7P	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	16	34
92	Haemorrhagic & Haematological Disorders of fetus & newborn	8P	3	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	6	2	8
93	Hypothermia	9P	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	14
94	Convulsions	10P	17	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	14	33
95	Other diseases of infant related to perinatal & neonatal period	11P	21	19	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	27	57
	Subtotal of Group 16		352	271	19	14	0	0	0	1	0	0	0	0	1	0	1	1	1	0	1	0	0	0	375	287	662
Group No. 17: Congenital malformations deformations & chromosomal abnormalities																											
96	Congenital malformations, deformations & chromosomal	1Q	19	17	3	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2	23	27	50	
	Subtotal of group 17		19	17	3	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2	23	27	50	

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			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No.18 : Symptoms & signs in case of undiagnosed conditions																											
97	Symptoms & signs in case of undiagnosed condition	1R	2	6	3	2	1	1	4	3	3	0	2	1	4	2	4	3	13	17	22	27	34	41	92	103	195
	Subtotal of group No.18		2	6	3	2	1	1	4	3	3	0	2	1	4	2	4	3	13	17	22	27	34	41	92	103	195
Group No. 19 : Injury , poisoning & certain other consequences of external causes																											
98	Accidental injuries	1S	3	1	11	9	19	5	91	19	122	29	87	23	106	25	54	31	48	20	33	18	17	17	591	197	788
99	Accidental burns	1T	0	0	0	1	4	2	1	11	11	23	14	12	5	9	5	9	1	12	4	6	2	6	47	91	138
100	Frostbite	2T	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
101	Accidental poisoning	3T	0	0	0	1	1	0	4	4	11	4	8	1	7	4	8	3	3	2	3	1	0	1	45	21	66
102	Snake bite	4T	0	0	4	2	7	5	1	9	6	4	3	4	7	1	9	2	3	6	2	0	0	1	42	34	76
103	Effect of heat & light	5T	0	0	0	0	0	0	3	0	2	0	0	0	1	1	0	0	2	2	0	0	0	0	8	3	11
104	Asphyxia	6T	6	7	2	2	1	0	1	0	0	0	0	0	0	1	1	2	0	2	1	1	0	0	12	15	27
105	Accidental drowning	7T	2	1	10	5	18	9	38	10	16	6	15	6	11	5	13	7	8	5	7	7	2	4	140	65	205
106	Exposure to electric current	1W	1	0	3	3	2	4	11	3	12	7	13	1	7	2	8	3	3	2	2	0	2	0	64	25	89
107	Scorpion bites	1X	1	1	0	2	2	0	0	0	0	0	0	0	2	0	2	0	0	0	1	0	0	0	8	3	11
108	Victim of lighting	2X	0	0	0	0	0	0	1	1	4	1	3	0	1	0	0	0	2	0	0	0	0	0	11	2	13
109	Suicide	3X	0	0	1	0	4	4	76	61	124	33	122	29	71	15	59	12	41	13	16	2	3	1	517	170	687
110	Homicide	4X	0	0	1	0	1	0	2	2	2	1	2	1	5	0	4	2	0	0	1	0	1	0	19	6	25
111	Other diseases of Accidents & injuries & poisoning	5X	2	2	4	6	4	3	18	10	12	3	10	5	14	5	12	6	26	19	29	34	35	28	166	121	287
	Subtotal of group No.19		15	13	36	31	63	32	247	130	322	111	277	82	237	68	175	77	137	83	99	69	62	58	1670	754	2424
	Total		456	385	130	99	123	119	386	286	607	274	862	375	1207	654	1681	1024	2598	2228	2662	2346	2357	2506	13069	10296	23365

SURVEY OF CAUSES OF DEATHS SCHEME - 2016
CLASSIFICATION OF CAUSE OF DEATHS BY AGE & SEX

S.N.	CAUSE OF DEATH	Code No.	0 - 1		1 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 - 84		85 +		Total		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
SURVEY OF CAUSES OF DEATHS SCHEME(RURAL) - 2016																											
GROUPWISE CLASSIFICATION OF CAUSE OF DEATHS BY AGE & SEX																											
GROUP of CAUSE OF DEATH			0 - 1		1 - 4		5 - 14		15 - 24		25 - 34		35 - 44		45 - 54		55 - 64		65 - 74		75 - 84		85 +		Total		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	Total
Group No.1:Infectious &Parasitic			6	8	6	6	10	14	12	20	33	24	53	34	70	29	52	13	51	25	34	14	14	8	341	195	536
Group No.2: Cancer			1	2	6	1	5	10	20	22	26	27	74	53	115	133	156	170	186	187	102	85	46	52	737	742	1479
Group No.3 : Diseases of the blood			1	0	4	3	0	2	8	3	7	4	10	2	2	8	8	12	38	33	59	49	53	58	190	174	364
Group No.4 : Endocrine, Nutritional & metabolic diseases			1	2	3	0	2	3	1	4	1	1	10	5	23	16	60	27	87	63	64	56	49	34	301	211	512
Group 5 :Mental & Behavioural Diseases			0	0	2	2	8	8	8	4	3	8	7	3	8	4	3	1	5	6	6	2	3	9	53	47	100
Group No.6 : Diseases of Nervous System			8	7	8	5	6	10	21	13	22	10	33	33	67	48	129	102	341	322	450	384	314	384	1399	1318	2717
Group No. 7: diseases of Eye & adnexa			0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2
Group No. 8 : Diseases of ear & mastoid process			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2
Group No.9 : Diseases of Circulatory System			17	27	14	14	8	21	43	47	100	46	201	107	415	210	676	366	926	768	827	665	753	771	3980	3042	7022
Group No.10 : Diseases of Repiratory System			27	26	17	11	9	6	6	10	11	18	38	22	49	60	207	163	606	579	841	872	897	987	2708	2754	5462
Group No.11: Diseases of Digestive System			3	3	5	2	6	5	7	12	45	10	102	12	124	38	136	36	119	68	85	59	61	63	693	308	1001
GroupNo.12: Diseases of Skin & subcutaneous tissues			0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	2	0	0	0	4	2	6
Group No.13 : Diseases of musculoskeletal system & connective tissues			0	0	0	0	0	0	0	0	0	0	0	0	3	3	2	1	5	6	5	4	6	3	21	17	38
Group No. 14: Diseases of Genitourinary System			4	1	4	3	4	5	9	7	32	5	55	21	87	34	72	51	83	70	63	57	64	35	477	289	766
Group No. 15 : Diseases related to pregnancy, child birth & Puerperium			0	2	0	0	0	1	0	9	1	10	0	0	0	0	0	0	0	0	2	1	0	1	3	24	27
Group No.16 : Certain conditions originating in the perinatal period			352	271	19	14	0	0	0	1	0	0	0	0	1	0	1	1	1	0	1	0	0	0	375	287	662
Group No. 17: Congenital malformations deformations & chromosomol abnormalities			19	17	3	5	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	23	27	50
Group No.18 : Symptoms & signs in case of undiagnosed conditions			2	6	3	2	1	1	4	3	3	0	2	1	4	2	4	3	13	17	22	27	34	41	92	103	195
Group No. 19 : Injury , poisoning & certain other consequences of external causes			15	13	36	31	63	32	247	130	322	111	277	82	237	68	175	77	137	83	99	69	62	58	1670	754	2424
Total			456	385	130	99	123	119	386	286	607	274	862	375	1207	654	1681	1024	2598	2228	2662	2346	2357	2506	13069	10296	23365

INFANT MORTALITY ANALYSIS

- **Top Ten killer Diseases of Infants**
- **Top Five Killer Diseases of Early Neonate**
- **Top Five Killer Diseases of Late Neonate**
- **Top Five Killer Diseases of Post Neonate**
- **Infant Deaths by age, sex & causes**

Survey of Causes of Deaths Scheme (Rural) - 2016

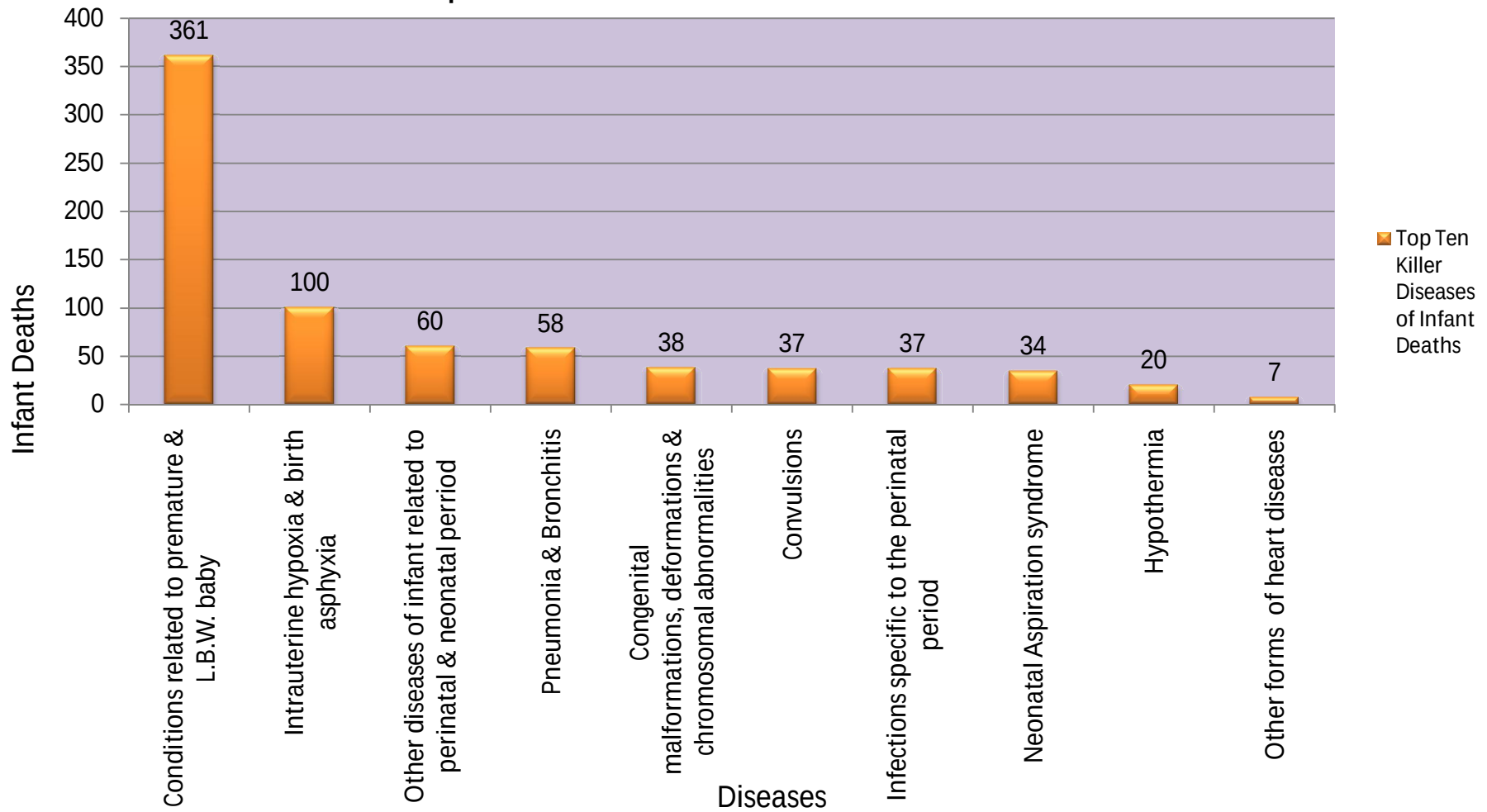
Top Ten Killer Diseases of Infant Deaths

Statement 12

S.N.	Disease	Code No	Male	Female	Total	% to total Infant Deaths (892)
1	Conditions related to premature & L.B.W. baby	3P	197	164	361	40
2	Intrauterine hypoxia & birth asphyxia	5P	58	42	100	11
3	Other diseases of infant related to perinatal & neonatal perriod	11P	31	29	60	7
4	Pneumonia & Bronchitis	1J	29	29	58	7
5	Congenital malformations, deformations & chromosomal abnormalities	1Q	20	18	38	4
6	Convulsions	10P	19	18	37	4
7	Infections specific to the perinatal period	7P	18	19	37	4
8	Neonatal Aspiration syndrome	6P	22	12	34	4
9	Hypothermia	9P	13	7	20	2
10	Other forms of heart diseases	3I	2	5	7	1
Total			409	343	752	76

SURVEY OF CAUSES OF DEATHS (RURAL)-2016

Top Ten Killer Diseases of Infant Deaths

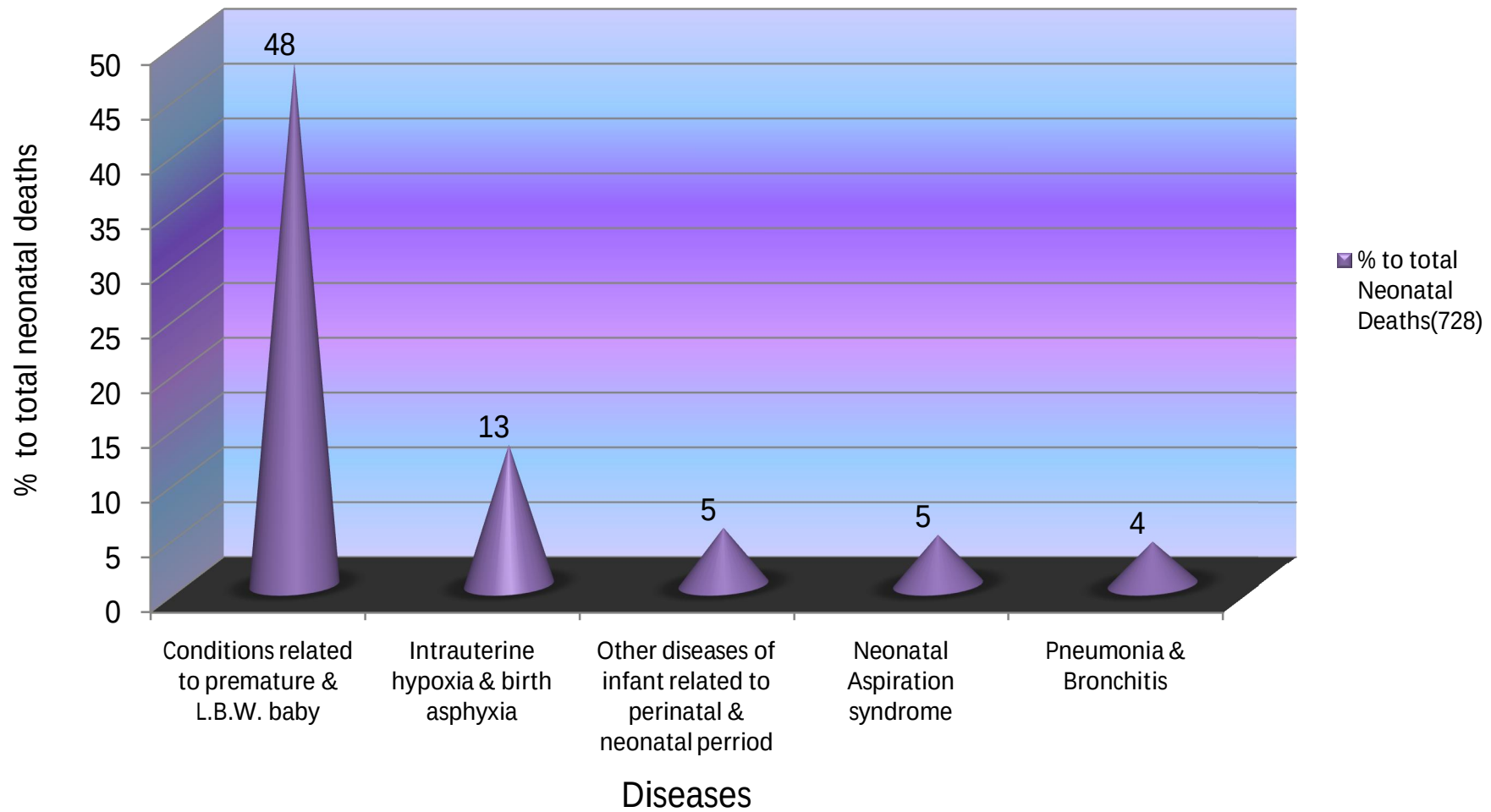


Survey of Causes of Deaths Scheme (Rural) - 2016
Major Killer Diseases of Neonatal Group (0-28 days)

S.N.	Disease	Code No	Male	Female	Total	% to total Neonatal	% to total Infant
1	Conditions related to premature & L.B.W. baby	3P	163	139	302	48	34
2	Intrauterine hypoxia & birth asphyxia	5P	50	31	81	13	9
3	Other diseases of infant related to perinatal & neonatal perriod	11P	20	13	33	5	4
4	Neonatal Aspiration syndrome	6P	19	10	29	5	3
5	Pneumonia & Bronchitis	1J	16	9	25	4	3
	Total		268	202	470	74	53

SURVEY OF CAUSES OF DEATHS (RURAL) - 2016

% Major Killer Diseases of Neonatal Group(0-28 days)



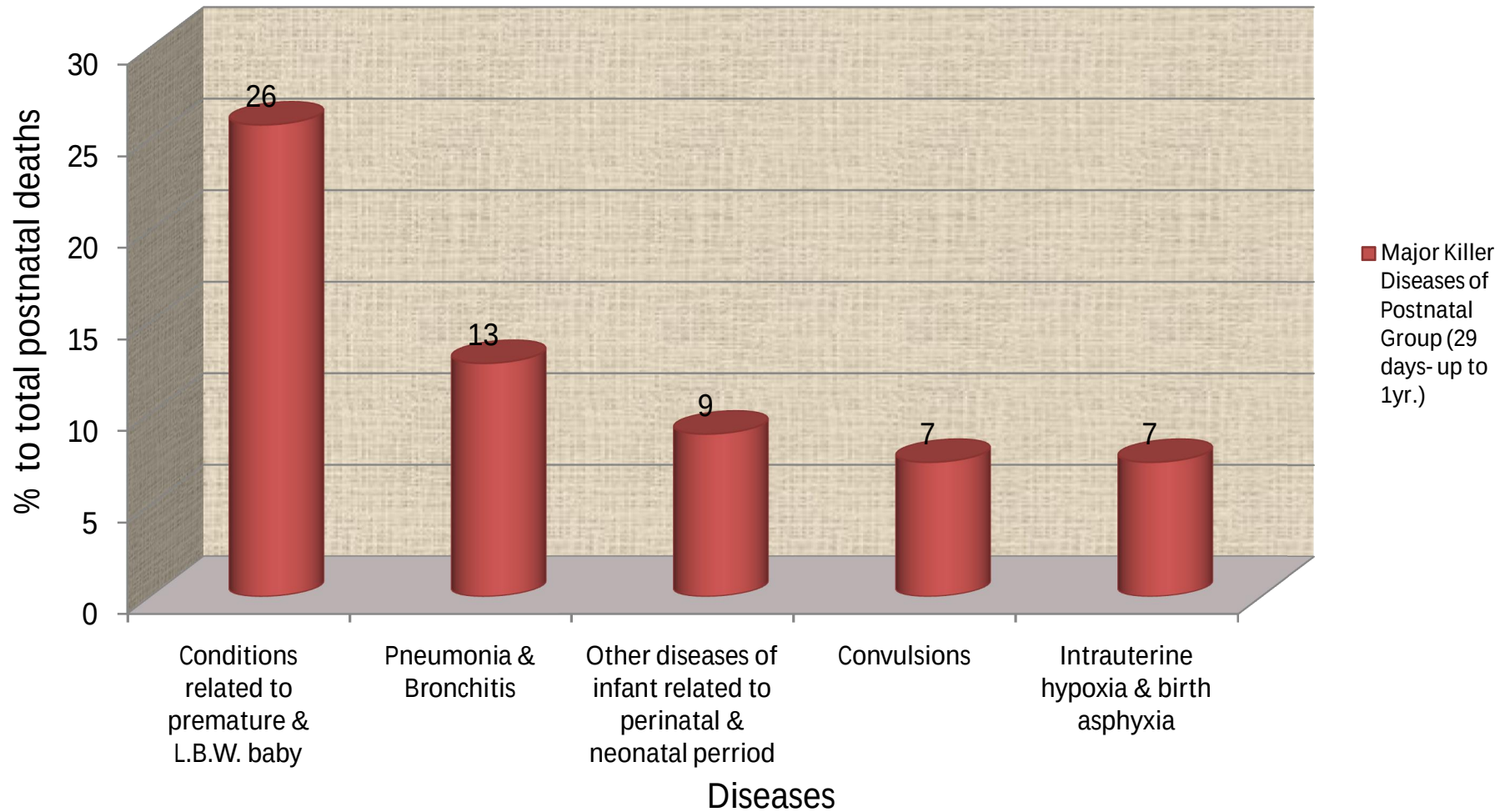
Survey of Causes of Deaths Scheme (Rural) - 2016

Major Killer Diseases of Postnatal Group (29 days-up to 1 yr.)

S.N.	Disease	Code No	Male	Female	Total	% to total Postnatal Deaths	% to total Infant Deaths
1	Conditions related to premature & L.B.W. baby	3P	34	25	59	26	7
2	Pneumonia & Bronchitis	1J	13	20	33	13	4
5	Other diseases of infant related to perinatal & neonatal perriod	11P	11	12	23	9	3
3	Convulsions	10P	8	11	19	7	2
4	Intrauterine hypoxia & birth asphyxia	5P	8	11	19	7	2
	Total		74	79	153	59	17

SCD(R)- 2016

% Major Killer Diseases of Postnatal Group (29 days- up to 1yrs)



SURVEY OF CAUSES OF DEATHS SCHEME (RURAL)- 2016
CLASSIFICATION OF CAUSES OF INFANT DEATHS BY AGE & SEX

State

S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No. 1 : Infectious & Parasitic diseases											
1	Cholera	1A	0	0	0	0	0	0	0	0	0
2	Typhoid & Paratyphoid	2A	0	0	0	0	2	2	2	2	4
3	Dysentry	3A	1	0	0	0	0	0	1	0	1
4	Diarrhoeal Diseases &	4A	0	0	0	0	0	0	0	0	0
5	Pulmonary Tuberculosis	5A	0	0	0	0	0	0	0	0	0
6	Extra Pul. T.B.	6A	0	0	0	0	0	0	0	0	0
7	Plague	7A	0	0	0	0	0	0	0	0	0
8	Leprosy	8A	0	0	0	0	0	0	0	0	0
9	Tetanus	9A	0	0	0	0	0	0	0	0	0
10	Diphtheria	10A	0	0	0	0	0	0	0	0	0
11	Pertussis	11A	0	0	0	0	0	0	0	0	0
12	Acute poliomyelitis	12A	0	0	0	0	0	0	0	0	0
13	Rabies	13A	0	0	0	0	0	0	0	0	0
14	Dengue	14A	0	0	0	0	0	0	0	0	0
15	Chickenpox	1B	0	0	0	0	0	0	0	0	0
16	Measles	2B	0	0	0	0	0	0	0	0	0
17	Viral hepatitis	3B	0	3	0	2	2	0	2	5	7
18	H.I.V.	4B	0	0	0	0	0	0	0	0	0
19	Malaria	5B	0	0	0	0	0	0	0	0	0
20	Other infectious & Parasitic Diseases	6B	1	2	0	0	0	0	1	2	3
	Sub total of Group 1		2	5	0	2	4	2	6	9	15

S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No.2: Cancer											
21	Cancer of lips,mouth, tongue, & throat	1C	0	0	0	0	0	0	0	0	0
22	Cancer of Digestive Organs	2C	0	0	0	0	0	0	0	0	0
23	Cancer of Resppiratory & intrathoracic organs	3C	0	0	0	0	0	0	0	0	0
24	Cancer of Breast	4C	0	0	0	0	0	0	0	0	0
25	Cancer of bone & cartilage	5C	0	0	0	0	0	0	0	0	0
26	Cancer of female genital organs	6c	0	0	0	0	0	0	0	0	0
27	Cancer of male genital organs	7c	0	0	0	0	0	0	0	0	0
28	Cancer of urinary trac	8C	0	0	0	0	0	0	0	0	0
29	cancer of eye,brain,& other part of central nervous system	9C	0	0	0	0	0	0	0	0	0
30	Cancer of lymphoid	10C	1	0	0	0	0	0	1	0	1
31	Cancer of other organs	11c	0	0	0	0	0	0	0	0	0
	Sub total of Group 2		1	0	0	0	0	0	1	0	1
Group No.3 : Diseases of the blood forming organs & certain disorders involving the immune mechanism											
32	Anaemia - all types	1D	0	0	0	0	1	0	1	0	1
33	Coagulation defect	2D	0	0	0	0	0	0	0	0	0
34	Other diseases related to blood formation	3D	0	0	0	0	0	0	0	0	0
	Subtotal of Group 3		0	0	0	0	1	0	1	0	1

[illegible]

S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No.9 : Diseases of Circulatory System											
46	Acute rheumatic fever & chronic heart disease	1I	1	1	0	0	1	0	2	1	3
47	Ischaemic heart diseases	2I	3	1	1	0	1	0	5	1	6
48	Other forms of heart diseases	3I	1	1	0	1	1	3	2	5	7
49	Cardiac Arrest	4I	2	3	0	2	1	2	3	7	10
50	Congestive Cardiac failure	5I	0	0	0	0	0	0	0	0	0
51	Cerebral haemorrhage	6I	1	3	0	1	0	0	1	4	5
52	Other diseases related to heart	7I	1	5	1	0	0	2	2	7	9
	Sub total of Group 9		9	14	2	4	4	7	15	25	40
Group No.10 : Diseases of Respiratory System											
53	Pneumonia & Bronchitis	1J	11	4	5	5	13	20	29	29	58
54	Asthama	2J	0	0	0	0	0	1	0	1	1
55	Other Diseases of Respiratory	3J	0	0	0	0	0	1	0	1	1
	Subtotal of Group 10		11	4	5	5	13	22	29	31	60

S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No.11: Diseases of Digestive System											
56	Peptic Ulcer	1K	0	0	0	0	0	2	0	2	2
57	Appendicitis	2K	0	0	0	0	0	0	0	0	0
58	Hernia	3K	0	0	0	0	1	0	1	0	1
59	Liver cirrhosis,Alcoholic liver	4K	0	0	0	0	0	0	0	0	0
60	Diseases of gallbladder,biliary tract & pancreas	5K	0	0	0	0	0	0	0	0	0
61	Other diseases of Digestive System	6K	0	0	0	0	2	1	2	1	3
	Subtotal of Group 11		0	0	0	0	3	3	3	3	6
GroupNo.12: Diseases of Skin & subcutaneous tissues											
62	Diseases of skin & subcutaneous tissues	1L	0	0	0	0	0	0	0	0	0
	Subtotal of Group 12		0	0	0	0	0	0	0	0	0
Group No.13 : Diseases of musculoskeletal system & connective tissues											
63	Diseases of Musculoskeletal System	1M	0	0	0	0	0	0	0	0	0
	Subtotal of Group 13		0	0	0	0	0	0	0	0	0
Group No. 14: Diseases of Genitourinary System											
64	Acute renal failure	1N	0	1	0	0	3	0	3	1	4
65	Chronic renal failure	2N	0	0	0	0	1	0	1	0	1
66	Diseases of male genital organs	3N	0	0	0	0	0	0	0	0	0
67	Diseases of breast & female genital organs	4N	0	0	0	0	0	0	0	0	0
68	Other diseases of genitory system	5N	0	0	0	0	0	0	0	0	0
	Subtotal of Group 14		0	1	0	0	4	0	4	1	5

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S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No.16 : Certain conditions originating in the perinatal period											
85	Fetus & new born affected by maternal factors & by complication of pregnancy, labour & delivery	1P	2	0	0	0	0	0	2	0	2
86	Intrauterine growth retardation	2P	2	5	0	2	2	2	4	9	13
87	Conditions related to premature & L.B.W. baby	3P	121	99	42	40	34	25	197	164	361
88	Birth trauma	4P	1	3	0	0	0	1	1	4	5
89	Intrauterine hypoxia & birth asphyxia	5P	40	28	10	3	8	11	58	42	100
90	Neonatal Aspiration syndrome	6P	13	8	6	2	3	2	22	12	34
91	Infections specific to the perinatal period	7P	11	9	0	2	7	8	18	19	37
92	Haemorrhagic & Haematological Disorders of fetus & newborn	8P	1	1	1	0	5	0	7	1	8
93	Hypothermia	9P	6	3	4	0	3	4	13	7	20
94	Convulsions	10P	5	4	6	3	8	11	19	18	37
95	Other diseases of infant related to perinatal & neonatal period	11P	14	11	7	7	11	12	32	30	62
	Subtotal of Group 16		216	171	76	59	81	76	373	306	679
Group No. 17: Congenital malformations deformations & chromosomol abnormalities											
96	Congenital malformations, deformations & chromosomal abnormalities	1Q	8	4	3	6	9	8	20	18	38
	Subtotal of group 17		8	4	3	6	9	8	20	18	38

S.N.	CAUSE OF DEATH	Code No.	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
			M	F	M	F	M	F	M	F	Total
Group No.18 : Symptoms & signs in case of undiagnosed conditions											
97	Symptoms & signs in case of undiagnosed condition	1R	2	3	0	2	0	1	2	6	8
	Subtotal of group No.18		2	3	0	2	0	1	2	6	8
Group No. 19 : Injury , poisoning & certain other consequences of external causes											
98	Accidental injuries	1S	0	1	0	0	3	0	3	1	4
99	Accidental burns	1T	0	0	0	0	0	0	0	0	0
100	Frostbite	2T	0	0	0	0	0	1	0	1	1
101	Accidental poisoning	3T	0	0	0	0	0	0	0	0	0
102	Snake bite	4T	0	0	0	0	0	0	0	0	0
103	Effect of heat & light	5T	0	0	0	0	0	0	0	0	0
104	Asphyxia	6T	2	1	1	3	2	2	5	6	11
105	Accidental drowning	7T	1	0	0	1	1	0	2	1	3
106	Exposure to electric current	1W	0	0	0	0	1	0	1	0	1
107	Scorpion bites	1X	1	0	0	0	0	1	1	1	2
108	Victim of lighting	2X	0	0	0	0	0	0	0	0	0
109	Suicide	3X	0	0	0	0	0	0	0	0	0
110	Homicide	4X	0	0	0	0	0	0	0	0	0
111	Other diseases of Accidents & injuries & poisoning	5X	0	0	0	1	2	1	2	2	4
	Subtotal of group No.19		4	2	1	5	9	5	14	12	26
	Grand Total		253	205	87	88	134	125	474	418	892

SURVEY OF CAUSES OF DEATHS SCHEME (RURAL) - 2016
GROUPWISE CLASSIFICATION OF CAUSES OF INFANT DEATHS BY AGE & SEX

GROUPWISE CAUSE OF DEATH	0 - 7 days		8 - 28 days		29 - 1 year		Total Infant Deaths		
	M	F	M	F	M	F	M	F	Total
Group No. 1 : Infectious & Parasitic diseases	2	5	0	2	4	2	6	9	15
Group No.2: Cancer	1	0	0	0	0	0	1	0	1
Group No.3 : Diseases of the blood forming organs	0	0	0	0	1	0	1	0	1
Group No.4 : Endocrine, Nutritional & metabolic diseases	0	0	0	1	0	0	0	1	1
Group 5 :Mental & Behavioural Diseases	0	0	0	0	0	0	0	0	0
Group No.6 : Diseases of Nervous System	0	1	0	4	6	1	6	6	12
Group No. 7: diseases of Eye & adnexa	0	0	0	0	0	0	0	0	0
Group No. 8 : Diseases of ear & mastoid process	0	0	0	0	0	0	0	0	0
Group No.9 : Diseases of Circulatory System	9	14	2	4	4	7	15	25	40
Group No.10 : Diseases of Respiratory System	11	4	5	5	13	22	29	31	60
Group No.11: Diseases of Digestive System	0	0	0	0	3	3	3	3	6
GroupNo.12: Diseases of Skin & subcutaneous tissues	0	0	0	0	0	0	0	0	0
Group No.13 : Diseases of musculoskeletal system & connective tissues	0	0	0	0	0	0	0	0	0
Group No. 14: Diseases of Genitourinary System	0	1	0	0	4	0	4	1	5
Group No. 15 : Diseases related to pregnancy, child birth & Puerperium	0	0	0	0	0	0	0	0	0
Group No.16 : Certain conditions originating in the perinatal period	216	171	76	59	81	76	373	306	679
Group No. 17: Congenital malformations deformations & chromosomal abnormalities	8	4	3	6	9	8	20	18	38
Group No.18 : Symptoms & signs in case of undiagnosed conditions	2	3	0	2	0	1	2	6	8
Group No. 19 : Injury , poisoning & certain other consequences of external causes	4	2	1	5	9	5	14	12	26
Total	253	205	87	88	134	125	474	418	892

मृत्युच्या कारणांचे सर्वेक्षण (ग्रामीण) योजना

फॉर्म “अ” (जन्म)

गावाचे नाव _____ प्राथमिक आरोग्य केंद्र _____ तालुका _____ जिल्हा _____ माहे _____

घरनिहाय रहिवाशांच्या माहिती मधील या कुटुंबाच्या घराचा मलेरिया क्रमांक	जन्मलेल्या मुलाच्या आईचे पूर्ण नाव	जन्म दिनांक (दिवस, माहे व वर्ष लिहावे)	लिंग (पु/स्त्री)	या बाळंत पणाच्या वेळी मातेचे पूर्ण वय	जन्म दवाखान्यात अगर घरी झाला	जन्माचे ठिकाण (गावाचे नाव)	ग्रामपंचायत रजिस्टर मधील नोंदणी क्रमांक व दिनांक	बाळतपण कोणी केले (डॉक्टर/नर्स/प्रशिक्षित दाई/इतर)	या जन्मासह एकूण जिवंत जन्माची संख्या .	या पूर्वीचे बाळंतपण व हे बाळंतपण यामधील कालावधी (महिन्यात नमूद करावे)	जन्मवेळी बाळाचे वजन (ग्रॅम मध्ये)	शेरा
१	२	३	४	५	६	७	८	९	१०	११	१२	१३

या फॉर्ममध्ये प्रत्येक जिवंत जन्म (Live Birth) व उपजत मृत्यु (मृत जन्म) (Still Birth) यांची माहिती भरावी .

वैद्यकीय अधिकारी
प्राथमिक आरोग्य केंद्र

मृत्युच्या कारणांचे सर्वेक्षण (ग्रामीण) योजना

फॉर्म “ब” मृत्यु

गावाचे नाव ————— प्राथमिक आरोग्य केंद्र ————— तालुका ————— जिल्हा ————— माहे —————

मृत्युचा अ.क्र.	घरनिहाय रहिवाशांच्या माहितीमधील या कुटुंबाच्या घराचा मलेरिया क्रमांक	मृत व्यक्तीचे पूर्ण नाव	मृत्युचा दिनांक (दिवस, माहे व वर्ष लिहावे)	लिंग (पु./ स्त्री)	मृत्युच्या वेळी मृताचे पूर्ण वय	मृत्यु दवाखान्यात अगर घरी झाला	मृत्युचे ठिकाण (गावाचे नाव)	ग्रामपंचायत रजिस्टर मधील नोंदणी क्र. व दिनांक	मृत्युच्या कारणाची माहिती	शेरा
१	२	३	४	५	६	७	८	९	१०	११

वैद्यकीय अधिकारी
प्राथमिक आरोग्य केंद्र

eR;P;k dkj.kkpi l o{k.k (xkfe.k) ;k t uk

ipke “d” & er;|p| dkj.k

[illegible]

O"k &&&&&&&&&&&&&&&&

[illegible]

i k F k f e d v k j k X ; d n &&&&&&&&&&&&&&

[illegible]

f t Ygk &&&&&&&&&&&

1) er 0; Drhp uko %

2) 0; %

3) $f_{y|x} \%$

4) $e^R; p_k$ fnukd %

5) $e^R; p \rightarrow f B d k.k \%$

(nok[kkuk \$?kj)

6) % (1) eR; p dkj.k ; ki oh , [kk | k o | dh; 0; Drhu fuf'pr dy v l Y; kl R; ku l kj

uen d jko-

fdok

6)% (2) eR;p dkj.k fuf'pr dy ulY;kl fiQM , tVuh er 0;DrhP;k ?kjkI HkV nmQu (vat) r_kkp okij djQu lfoLrj ekfgrh xkGk djkoh- T;k;kx o|dh; vf/kdkjh ;kuk lHkk0; eR;p dkj.k fuf'pr dj.k 'kD; gkby- R;k lBh fdeku [kkyhy ekfgrh uen dj.k c/kudkj d vkg-

6(2) v % e r 0 ; D r h p h e R ; i o f l F k r h

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6(2) d % er 0;DrhP;k vktkj\$bt pk dkyko/kh

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6(3) o-v- ; kuh fuf'pr dy y eR; p dkj.k

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o | dh; vf/kdk` ;kph Lok{kjh

[illegible][illegible]

Uses of birth certificate:

- For deriving benefits under social welfare schemes
- First right of the child
- To establish identity
- Conclusive proof of age
 - Ø Care and protection of juveniles
 - Ø Admission to school
 - Ø Preparing driving license, passport, etc.
 - Ø Proof for right to vote

Uses of death certificate:

- Settlement of inheritance and property rights
- Getting insurance claims
- Family pension
- Entry into the National Population Register

