

9. CIVIL REGISTRATION SYSTEM-2007

As per the Registration of Births and Deaths Act 18 of 1969 and as per the revised Tamilnadu Births and Deaths Registration Rules 2000, the registration of Births and Deaths is compulsory at the place of occurrence in Tamilnadu.

For the year 2007,

- ❖ 10,73,635 no. of Live Births have been registered
- ❖ 10,138 no. of Still Births have been registered
- ❖ 4,33,970 no. of Deaths have been registered

The birth registration efficiency has been increased from 98.5% to 100% and the Death registration efficiency has been increased from 89.5% to 91% respectively from 2006 to 2007 in Tamilnadu.

The Hon' ble Minister for Health has made announcement on 23.04.2008 that provision of the Birth Certificate to the child at free of cost at the time of delivery will be made user friendly. So far, 2,19,942 free Birth certificates have been issued in our state through the Government Medical Institutions.

- ❖ 2,941 Live births are registered under CRS every day
- ❖ Among them, 19% are registered in rural areas and 81% are registered in urban areas
- ❖ Among them, 51% are Male and 49% are female
- ❖ 1,189 deaths are registered under CRS every day
- ❖ Among them, 52% are registered in rural areas and 48% are registered in urban areas
- ❖ Among them, 60% are Male and 40% are female
- ❖ 32 infant deaths are registered under CRS every day
- ❖ Among them, 13% are registered in rural areas and 87% are registered in urban areas
- ❖ Among them, 56% are Male and 44% are female
- ❖ 28 Still births are registered under CRS every day
- ❖ Among them, 7% are registered in rural areas and 93% are registered in urban areas
- ❖ Among them, 54% are Male and 46% are female
- ❖ 8 Maternal deaths are registered under CRS in every 5 days
- ❖ Among them, 36% are registered in rural areas and 64% are registered in urban areas

Medical Certification of Causes of Deaths(MCCD)

MCCD is implemented throughout the state by this department as per the Registration of Births and Deaths Act 1969. Form 4 for institutional deaths and Form 4A for Domicillary deaths are collected along with Death report in Form 2 from the informant by the concerned Registrar of Births and Deaths. Causes of deaths are coded as per WHO International Statistical Classification of Diseases 10th revision. Computerisation of MCCD and Statistical analysis are done at State Headquarters. Annual report is submitted to State Govt. and Central Govt. for various planning purposes. System wise Medically certified causes of deaths are collected only through this system.

Medical Certification of Cause of Death training is conducted for the Medical Officers every year to improve the scheme.

- ❖ MCCD is improved from 40 % (1994) to 55%(2007) in Urban area.
- ❖ Among registered deaths, 1 in 4 are medically certified.

Birth and Death Registration Training to Primary Registrars

During 2007-08 & 2008-09, around 250 Sanitary Inspectors were appointed in Municipalities and 3,500 Village Administrative Officers were appointed in Village Panchayats. Since they are the Primary Registrars, a training on Provisions of Births and Deaths Acts and Rules was found essential and a Proposal was sent to State Rural Health Mission, Chennai.

In the mean time, the state funds allotted under Training head was utilized to train 250 Sanitary Inspectors / Village Administrative Officers in 6 batches. 3 batches were conducted at Health & Family Welfare Training Centre, Madurai and 3 batches were conducted at Institute of Public Health, Poonamallee.

Inter- Departmental Committee meeting(IDC) on Vital Statistics

To monitor the implementation of Births and Deaths Registration programme in the State, the State Inter-Departmental Committee meeting was conducted under the Chairmanship of Principal Secretary to Govt. , Health and Family Welfare Department. Rs.3,000/- is allotted annually for this meeting.

To monitor the implementation of Births and Deaths Registration programme, the District Inter-Departmental Committee meetings are conducted under the Chairmanship of the respective District Collector. It is conducted once in six months. Rs. 1,000/- is allotted per district annually for organizing these meetings.

National Award for the year 2007

During the Chief Registrar's Annual Conference, 2nd prize has been awarded to Tamilnadu Chief Registrar of Birth and Deaths on 05-03-2009 at NewDelhi for the best implementation of Registration of Births and Deaths during 2007.

Additional Birth and Death Registration units in PHCs:

Nowadays, the number of deliveries at PHCs has increased to 23 % of State deliveries. Hence, the Government of Tamilnadu have issued a G.O on 15-07-2009 by making all the PHCs in Tamilnadu as Additional Birth and Death Registration Units and appointing the Health Inspectors of PHCs as the Birth and Death registrars.

The Health Inspectors working in the PHCs have been instructed to act as Births and Deaths Registrars. All the Births occurring in the PHCs are registered daily and free Birth Certificate, as per Section 12 of RBD Act, 1969, is being issued to the delivered mother before discharge from the PHC from 1.8.2009 onwards.

VITAL EVENTS SURVEY-2008

The new Public Health programmes are planned only based on the Vital Rates of the State or Nation. The outcome of the ongoing health programmes are also gauged based on the vital rates. So, it becomes essential to estimate the accurate vital rates every year. So far, vital Events Survey were conducted for the reference years 1995 (Rural), 1996, 1997, 1998, 1999, 2000 & 2003.

Hence, the Director of Public Health and Preventive Medicine decided to conduct the Vital Events Survey for the reference year 2008 with the co-ordination of Directorate of Family Welfare to estimate the district level vital rates. The survey was funded by NRHM.

The Vital Events Survey was conducted during June'2009 through out the state. On the whole, 60 lakhs population was surveyed at the rate of 2 lakhs per district. A 2001 census village list was used as sampling frame and 30 clusters (Census Villages) from each district were selected using systematic cluster sampling method. Now, the survey results are being compiled at the Directorate of Public health and Preventive Medicine.

Table No : 9.1. ESTIMATED NO. OF DEATHS BY AGE IN TAMILNADU - 2009

AGE	% Distribution of deaths	Estimated no. of deaths - 2009
BELOW ONE YEAR	7.7	38462
1 - 4 YEAR	1.1	5495
5 - 9 YEAR	1	4995
10 - 14 YEAR	0.8	3996
15 - 24 YEAR	3.7	18482
25 - 34 YEAR	5.8	28971
35 - 44 YEAR	7	34965
45 - 54 YEAR	10.9	54446
55 - 64 YEAR	17.7	88412
65 - 74 YEAR	23.2	115884
75 AND ABOVE	21.1	105395
TOTAL	100	499500

Source : SRS 2007

Table No : 9.2. ESTIMATED NO. OF DEATHS BY CAUSE IN TAMILNADU - 2009

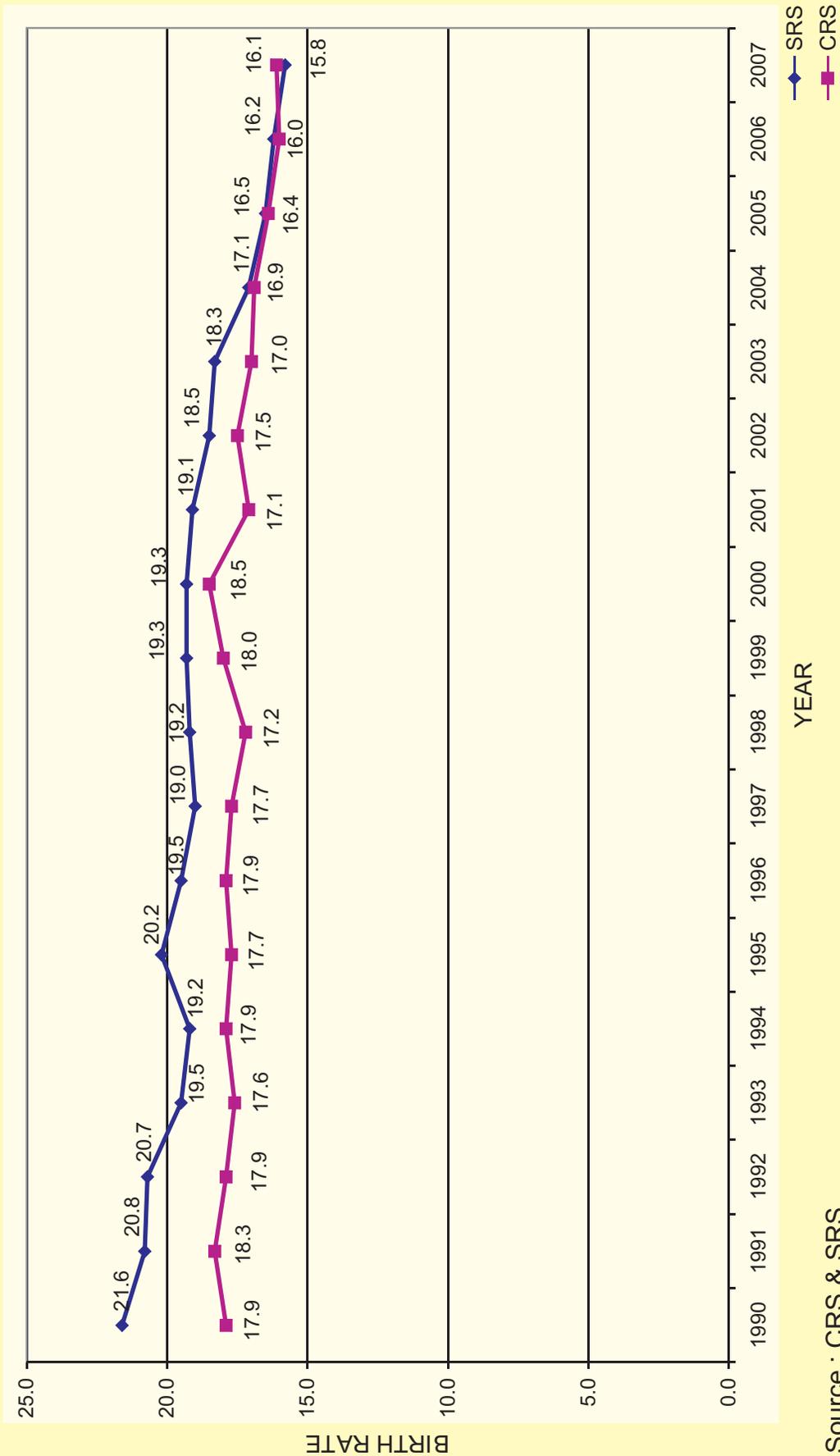
Code No.	Cause of Death	% distribution of deaths	Estimated no. of deaths
1	Cholera	0.00	0
2	Typhoid & Paratyphoid	0.91	4568
3	Food Poisoning	0.01	32
4	Dysentery, Diarroea & Gastric-Enterities	0.25	1260
5	Turbeculosis	1.93	9651
6	Leprosy	0.00	0
7	Diphtheria	0.00	0
8	Whooping cough	0.00	0
9	Tetanus	0.00	0
10	Acute Poliomyelitis	0.00	0
11	Measles	0.00	0
12	Rabies	0.00	0
13	Malaria	0.00	0
14	Cancer	3.12	15581
15	Diabetes	2.55	12732
16	Anameia	0.20	1015
17	Meningitis	0.00	12
18	Heart disease and heart attacks	35.56	177611
19	Pneumonia	0.25	1270
20	Influenza	0.21	1039
21	Bronchitis and Asthma	3.46	17306
22	Jaundice	0.69	3470
23	Chronic liver disease - Cirrhosis	0.83	4168
24	Ulcer of stomach	1.21	6032
25	Appendicitis	0.05	270
26	Syphilis and other Genito-urinary Diseases	0.58	2890
27	Maternal deaths - Abortions	0.00	0
28	Maternal deaths - Others	0.05	270
29	Prematurity, Birth injury-Infant Deaths	1.88	9401
30	Cerebrovascular (Paralysis)	2.63	13161
31	Senility	20.40	101883
32	Others not elsewhere classified	18.62	93008
33	Bites or stings of venomous animal	0.13	643
34	Accidental burns	0.83	4168
35	Falls, drowning	0.13	650
36	Accidental poisoning (except food Poison)	0.21	1062
37	Traffic accidents (all type of Transport)	1.60	7972
38	Other accidents not otherwise Classified	0.84	4205
39	Suicide	0.72	3618
40	Homicide	0.11	549
	TOTAL	100.00	499500

Source : MCCD Report - 2008

**Table 9.3. COMPARISON OF BIRTH RATE AND DEATH RATE
BETWEEN CRS AND SRS**

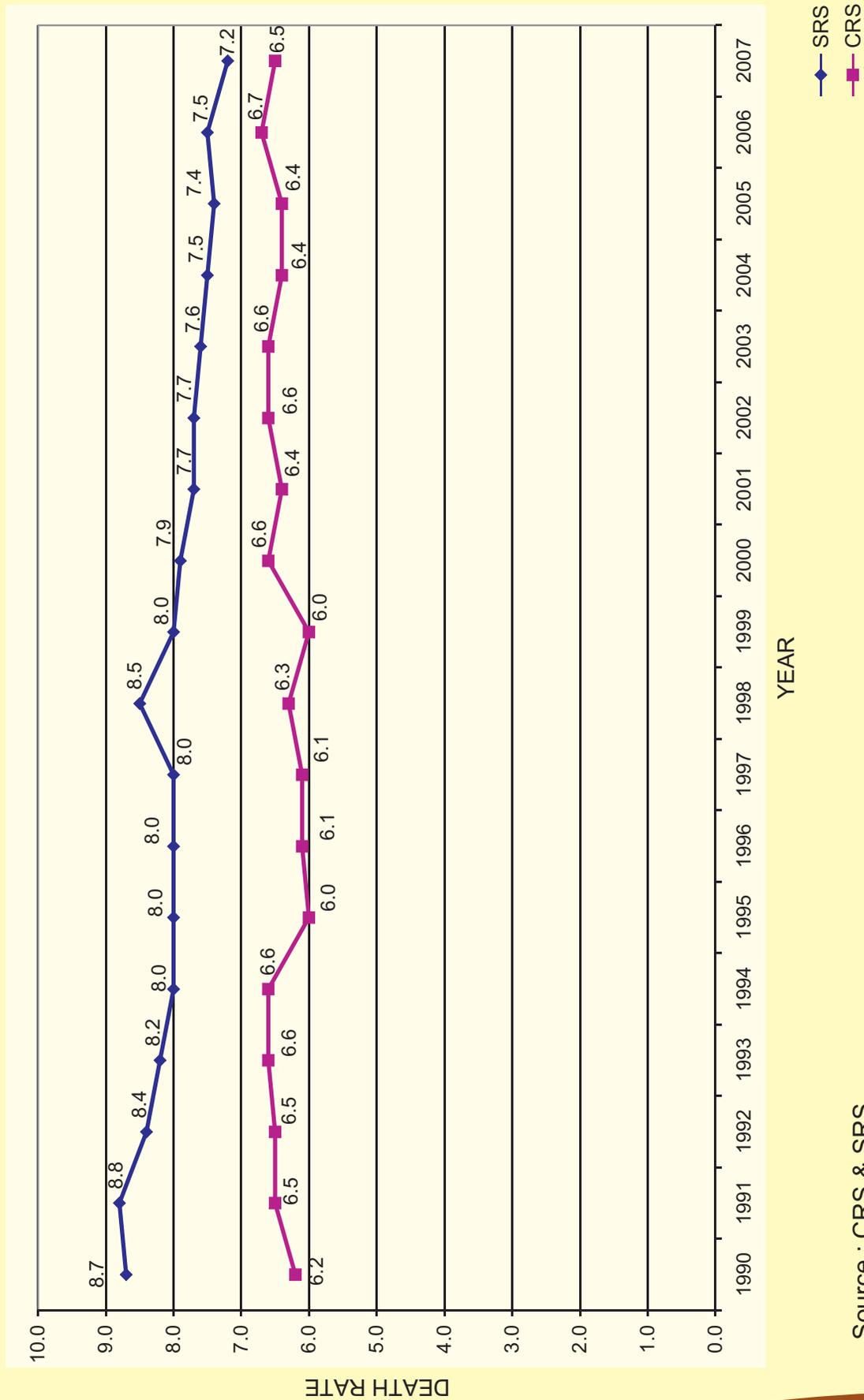
Year	Birth Rate		Death Rate	
	SRS	CRS	SRS	CRS
1990	21.6	17.9	8.7	6.2
1991	20.8	18.3	8.8	6.5
1992	20.7	17.9	8.4	6.5
1993	19.5	17.6	8.2	6.6
1994	19.2	17.9	8.0	6.6
1995	20.2	17.7	8.0	6.0
1996	19.5	17.9	8.0	6.1
1997	19.0	17.7	8.0	6.1
1998	19.2	17.2	8.5	6.3
1999	19.3	18.0	8.0	6.0
2000	19.3	18.5	7.9	6.6
2001	19.1	17.1	7.7	6.4
2002	18.5	17.5	7.7	6.6
2003	18.3	17.0	7.6	6.6
2004	17.1	16.9	7.5	6.4
2005	16.5	16.4	7.4	6.4
2006	16.2	16.0	7.5	6.7
2007	15.8	16.1	7.2	6.5

**Chart 22. COMPARISON OF BIRTH RATE BETWEEN SRS & CRS
1990 TO 2007**



Source : CRS & SRS

**Chart 23. COMPARISON OF DEATH RATE BETWEEN SRS & CRS - TAMILNADU
1990 TO 2007**

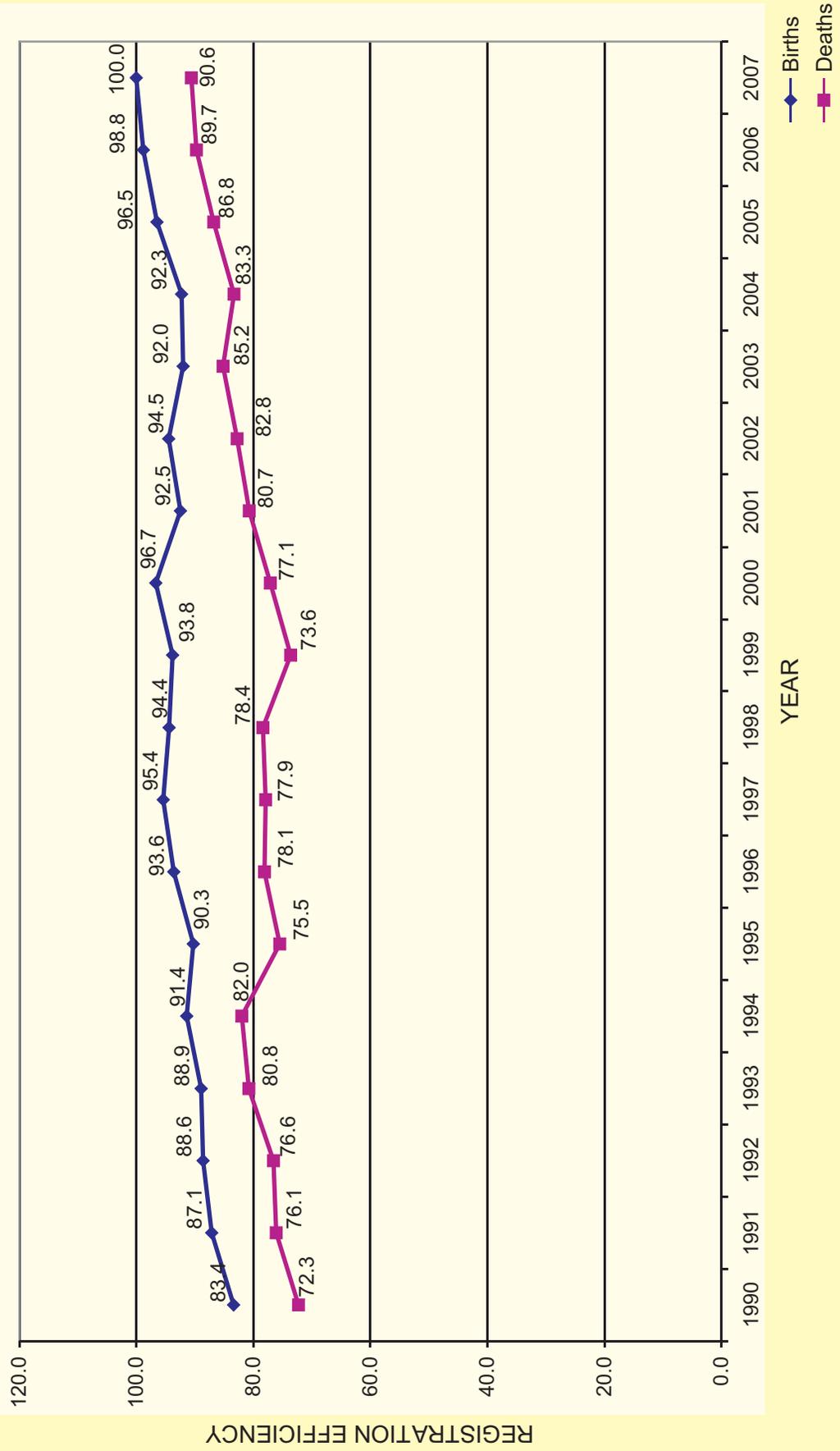


Source : CRS & SRS

Table 9.4. REGISTRATION AND REPORTING EFFICENCY

Year	Registration Efficiency		Reporting Efficiency
	Births	Deaths	
1990	83.4	72.3	91.9
1991	87.1	76.1	92.6
1992	88.6	76.6	92.7
1993	88.9	80.8	92.7
1994	91.4	82.0	93.9
1995	90.3	75.5	90.0
1996	93.6	78.1	91.5
1997	95.4	77.9	91.1
1998	94.4	78.4	92.8
1999	93.8	73.6	92.7
2000	96.7	77.1	92.1
2001	92.5	80.7	92.0
2002	94.5	82.8	94.2
2003	92.0	85.2	96.6
2004	92.3	83.3	96.7
2005	96.5	86.8	97.5
2006	98.8	89.7	98.5
2007	100.0	90.6	98.3

**Chart 24. CIVIL REGISTRATION SYSTEM - REGISTRATION EFFICIENCY - TAMILNADU
1990 TO 2007**



Source : CRS

Table 9.5. YEAR WISE COMPARISON OF BIRTHS, DEATHS REGISTRATION AND SEX RATIO

Year	Births Registration		Deaths Registration		Sex Ratio at Birth
	Male	Female	Male	Female	
1990	524912	480932	205707	142273	916
1991	536209	488915	215329	151418	911
1992	532068	491351	219480	151212	923
1993	531480	485436	227954	154742	913
1994	548438	507656	234928	154569	925
1995	550276	508363	220125	139285	923
1996	566450	522065	226708	145954	921
1997	565417	527924	230693	145295	933
1998	558270	527860	243039	157860	945
1999	572201	532124	224620	144445	929
2000	599582	552088	228832	147214	920
2001	571066	530310	232811	154640	928
2002	574892	532459	241676	161746	926
2003	567069	521590	250013	170094	920
2004	563396	527620	242777	166022	936
2005	553874	517989	248875	170244	935
2006	546791	508138	264840	178663	929
2007	554725	518910	260417	173553	935

**Table 9.6. BIRTHS, DEATHS AND INFANT DEATHS REGISTERED -2007
BOTH RURAL AND URBAN**

S.No.	District	Type	Births			Deaths			Infant Deaths		
			M	F	T	M	F	T	M	F	T
1	Chennai	Rural	0	0	0	0	0	0	0	0	0
		Urban	54017	52727	106744	24436	17002	41438	1772	1251	3023
		Total	54017	52727	106744	24436	17002	41438	1772	1251	3023
2	Coimbatore	Rural	3007	2926	5933	7742	5526	13268	27	39	66
		Urban	31644	30021	61665	13499	8100	21599	265	229	494
		Total	34651	32947	67598	21241	13626	34867	292	268	560
3	Cuddalore	Rural	3593	3143	6736	4875	3354	8229	76	66	142
		Urban	17060	15001	32061	2831	1619	4450	113	95	208
		Total	20653	18144	38797	7706	4973	12679	189	161	350
4	Dharmapuri	Rural	6209	5545	11754	4039	2410	6449	7	16	23
		Urban	7871	6955	14826	1071	673	1744	102	108	210
		Total	14080	12500	26580	5110	3083	8193	109	124	233
5	Dindigul	Rural	2872	2690	5562	5217	4022	9239	22	29	51
		Urban	10775	9840	20615	3166	2007	5173	99	61	160
		Total	13647	12530	26177	8383	6029	14412	121	90	211
6	Erode	Rural	3072	2807	5879	6596	4815	11411	29	38	67
		Urban	17420	16459	33879	6519	3983	10502	153	118	271
		Total	20492	19266	39758	13115	8798	21913	182	156	338
7	Kancheepuram	Rural	4047	3905	7952	6091	3658	9749	27	28	55
		Urban	20394	19469	39863	6003	3541	9544	141	113	254
		Total	24441	23374	47815	12094	7199	19293	168	141	309
8	Karur	Rural	1353	1285	2638	3054	2249	5303	18	18	36
		Urban	5430	5160	10590	1572	958	2530	73	61	134
		Total	6783	6445	13228	4626	3207	7833	91	79	170
9	Krishnagiri	Rural	6592	5909	12501	4879	2963	7842	12	1	13
		Urban	9973	9135	19108	1246	600	1846	59	46	105
		Total	16565	15044	31609	6125	3563	9688	71	47	118
10	Madurai	Rural	3430	3068	6498	5203	3502	8705	47	36	83
		Urban	23550	22260	45810	7029	4509	11538	609	410	1019
		Total	26980	25328	52308	12232	8011	20243	656	446	1102
11	Nagapattinam	Rural	2265	2030	4295	4678	3366	8044	33	28	61
		Urban	6928	6383	13311	1289	705	1994	35	28	63
		Total	9193	8413	17606	5967	4071	10038	68	56	124
12	Namakkal	Rural	2410	2167	4577	4524	3299	7823	23	30	53
		Urban	8607	7577	16184	2519	1559	4078	87	66	153
		Total	11017	9744	20761	7043	4858	11901	110	96	206
13	Nagercoil	Rural	897	894	1791	2075	1552	3627	7	5	12
		Urban	14256	13537	27793	4984	3412	8396	149	110	259
		Total	15153	14431	29584	7059	4964	12023	156	115	271
14	Perambalur	Rural	2787	2472	5259	4237	3345	7582	44	57	101
		Urban	5985	5331	11316	689	498	1187	29	25	54
		Total	8772	7803	16575	4926	3843	8769	73	82	155
15	Pudukottai	Rural	3303	3097	6400	3673	2433	6106	13	14	27
		Urban	8978	8351	17329	1010	625	1635	70	59	129
		Total	12281	11448	23729	4683	3058	7741	83	73	156
16	Ramanathapuram	Rural	1465	1237	2702	2416	1663	4079	2	3	5
		Urban	8692	8310	17002	1239	701	1940	57	46	103
		Total	10157	9547	19704	3655	2364	6019	59	49	108
17	Salem	Rural	5804	5145	10949	6172	3916	10088	24	23	47
		Urban	20937	19695	40632	5566	3347	8913	281	246	527
		Total	26741	24840	51581	11738	7263	19001	305	269	574

S.No.	District	Type	Births			Deaths			Infant Deaths		
			M	F	T	M	F	T	M	F	T
18	Sivaganga	Rural	1382	1628	3010	1842	1153	2995	0	0	0
		Urban	8529	8116	16645	1284	829	2113	28	12	40
		Total	9911	9744	19655	3126	1982	5108	28	12	40
19	Thanjavur	Rural	1987	1949	3936	5533	4127	9660	28	19	47
		Urban	22137	20449	42586	4278	2727	7005	366	310	676
		Total	24124	22398	46522	9811	6854	16665	394	329	723
20	The nilgiris	Rural	648	614	1262	1093	623	1716	3	4	7
		Urban	3658	3460	7118	1670	1092	2762	32	32	64
		Total	4306	4074	8380	2763	1715	4478	35	36	71
21	Theni	Rural	3315	3030	6345	2473	1696	4169	69	50	119
		Urban	6938	6407	13345	2683	1734	4417	77	71	148
		Total	10253	9437	19690	5156	3430	8586	146	121	267
22	Thiruchirapalli	Rural	2601	2443	5044	4664	3273	7937	12	6	18
		Urban	20879	19935	40814	6009	3739	9748	319	214	533
		Total	23480	22378	45858	10673	7012	17685	331	220	551
23	Tirunelveli	Rural	2431	2286	4717	2167	1706	3873	6	5	11
		Urban	23292	21992	45284	6152	3917	10069	282	209	491
		Total	25723	24278	50001	8319	5623	13942	288	214	502
24	Thiruvannamalai	Rural	8778	8004	16782	6452	4333	10785	36	53	89
		Urban	8686	8049	16735	1652	1013	2665	35	17	52
		Total	17464	16053	33517	8104	5346	13450	71	70	141
25	Thiruvallur	Rural	5794	5908	11702	5438	5183	10621	33	25	58
		Urban	12289	11481	23770	4718	2602	7320	33	35	68
		Total	18083	17389	35472	10156	7785	17941	66	60	126
26	Thiruvarur	Rural	949	901	1850	2502	1817	4319	3	5	8
		Urban	7041	6548	13589	1044	685	1729	51	36	87
		Total	7990	7449	15439	3546	2502	6048	54	41	95
27	Thuthukudi	Rural	2516	2288	4804	3684	2504	6188	6	11	17
		Urban	12387	11570	23957	2661	1776	4437	129	117	246
		Total	14903	13858	28761	6345	4280	10625	135	128	263
28	Vellore	Rural	11117	10295	21412	8650	5968	14618	88	105	193
		Urban	25596	23733	49329	6878	4232	11110	277	221	498
		Total	36713	34028	70741	15528	10200	25728	365	326	691
29	Villupuram	Rural	8284	7136	15420	7907	4876	12783	104	85	189
		Urban	10545	9919	20464	1862	903	2765	15	8	23
		Total	18829	17055	35884	9769	5779	15548	119	93	212
30	Virudhunagar	Rural	3366	3087	6453	4252	3228	7480	9	11	20
		Urban	13957	13151	27108	2730	1905	4635	137	105	242
		Total	17323	16238	33561	6982	5133	12115	146	116	262
STATE TOTAL	Rural	106274	97889	204163	132128	92560	224688	808	810	1618	
	Urban	448451	421021	869472	128289	80993	209282	5875	4459	10334	
	Total	554725	518910	1073635	260417	173553	433970	6683	5269	11952	

Table 9.7. DISTRICT WISE MATERNAL DEATHS REGISTERED - 2007

S.No.	Name of District	Maternal Deaths		
		RURAL	URBAN	TOTAL
1	Chennai	0	59	59
2	Coimbatore	1	6	7
3	Cuddalore	3	1	4
4	Dharmapuri	3	4	7
5	Dindigul	1	0	1
6	Erode	12	6	18
7	Kancheepuram	1	1	2
8	Kanyakumari	0	3	3
9	Karur	1	0	1
10	Krishnagiri	9	1	10
11	Madurai	0	11	11
12	Nagapattinam	1	0	1
13	Namakkal	3	2	5
14	Perambalur	0	1	1
15	Pudukottai	3	1	4
16	Ramanathapuram	2	1	3
17	Salem	2	7	9
18	Sivaganga	0	1	1
19	Thanjavur	5	3	8
20	The nilgiris	0	1	1
21	Theni	3	1	4
22	Thiruchirapalli	0	27	27
23	Thiruvallur	5	2	7
24	Thiruvannamalai	3	1	4
25	Thiruvarur	1	1	2
26	Thuthukudi	4	3	7
27	Tirunelveli	2	4	6
28	Vellore	7	1	8
29	Villupuram	13	0	13
30	Virudhunagar	0	1	1
	STATE TOTAL	85	150	235

Table 9.8. DISTRICT WISE STILL BIRTHS REGISTERED - 2007

S.No.	Name of District	Rural			Urban			Total		
		M	F	T	M	F	T	M	F	T
1	Chennai	0	0	0	857	713	1570	857	713	1570
2	Coimbatore	30	24	54	252	233	485	282	257	539
3	Cuddalore	1	0	1	110	117	227	111	117	228
4	Dharmapuri	25	8	33	165	133	298	190	141	331
5	Dindigul	1	7	8	142	126	268	143	133	276
6	Erode	35	34	69	203	198	401	238	232	470
7	Kancheepuram	5	17	22	49	46	95	54	63	117
8	Kanyakumari	2	5	7	85	77	162	87	82	169
9	Karur	13	11	24	76	70	146	89	81	170
10	Krishnagiri	10	2	12	145	130	275	155	132	287
11	Madurai	3	10	13	408	305	713	411	315	726
12	Nagapattinam	12	21	33	48	31	79	60	52	112
13	Namakkal	28	8	36	95	83	178	123	91	214
14	Perambalur	21	19	40	69	43	112	90	62	152
15	Pudukottai	7	3	10	85	84	169	92	87	179
16	Ramanathapuram	3	0	3	54	58	112	57	58	115
17	Salem	14	4	18	99	88	187	113	92	205
18	Sivaganga	0	0	0	67	55	122	67	55	122
19	Thanjavur	17	13	30	325	250	575	342	263	605
20	The nilgiris	2	4	6	30	19	49	32	23	55
21	Theni	2	3	5	63	65	128	65	68	133
22	Thiruchirapalli	4	7	11	330	266	596	334	273	607
23	Thiruvallur	27	19	46	37	35	72	64	54	118
24	Thiruvannamalai	27	20	47	102	74	176	129	94	223
25	Thiruvarur	5	8	13	99	87	186	104	95	199
26	Thuthukudi	7	8	15	170	154	324	177	162	339
27	Tirunelveli	18	11	29	263	256	519	281	267	548
28	Vellore	36	40	76	358	320	678	394	360	754
29	Villupuram	8	4	12	123	68	191	131	72	203
30	Virudhunagar	26	21	47	180	145	325	206	166	372
	STATE TOTAL	389	331	720	5089	4329	9418	5478	4660	10138

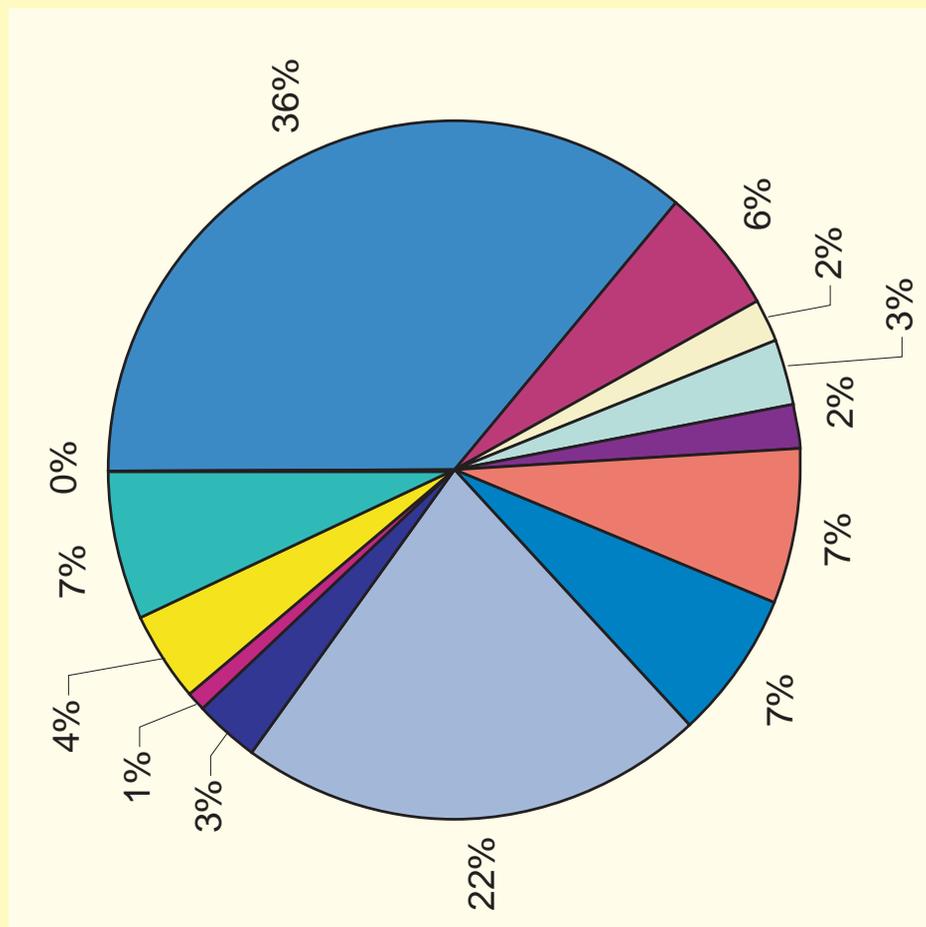
**Table 9.9. MEDICALLY CERTIFIED CAUSES OF DEATHS -
% OF MEDICALLY CERTIFIED CAUSES OF DEATHS -1994-2007**

Year	Total Registered Deaths	Registered deaths in Urban areas	No. of Medically Certified deaths	% of Medically Certified deaths to total Registered Deaths	% of Medically Certified deaths to Urban Registered deaths
1994	389497	132913	53462	13.7	40.2
1995	359410	129881	53814	15.0	41.4
1996	372662	141890	55894	15.0	39.4
1997	375988	146980	56856	15.1	38.7
1998	404519	153247	77018	19.0	50.3
1999	384453	148804	79112	20.6	53.2
2000	376046	153707	71794	19.1	46.7
2001	387451	146877	75140	19.4	51.2
2002	403422	153214	78379	19.4	51.2
2003	419252	155674	85177	20.3	54.7
2004	408799	187728	93974	23.0	50.1
2005	419119	195167	96877	23.1	49.6
2006	443503	212428	101474	22.9	47.8
2007	433970	209282	114732	26.4	54.8

**Table 9.10. MEDICALLY CERTIFIED CAUSES OF DEATHS
SYSTEMWISE CAUSES OF DEATH - 2007**

S.No.	SYSTEMWISE CAUSE OF DEATH	%
1	Diseases of the Circulatory System	36%
2	Diseases of the Respiratory System	6%
3	Diseases of the Digestive System	2%
4	Diseases of the Genito-Urinary System	3%
5	Diseases of the Nervous System	2%
6	Certain conditions originating in the Perinatal period	7%
7	Injury, Poisoning, External causes	7%
8	Abnormal clinical	22%
9	Endocrine, Nutritional and Metabolic diseases	3%
10	Blood and blood forming organs	1%
11	Neoplasms	4%
12	Infectious and Parasitic diseases	7%
13	Others	0%

Chart 25. MEDICALLY CERTIFIED CAUSES OF DEATHS 2007 - TAMILNADU



- Diseases of the Circulatory System
- Diseases of the Respiratory System
- Diseases of the Digestive System
- Diseases of the Genito-Urinary System
- Diseases of the Nervous System
- Certain conditions originating in the Perinatal period
- Injury, Poisoning, external causes
- Abnormal clinical
- Endocrine, Nutritional and Metabolic diseases
- Blood and blood forming organs
- Neoplasms
- Infectious and Parasitic diseases
- Others

Source : CRS (MCCD)