

**CHAPTER XVI**  
**MEDICAL AND PUBLIC HEALTH SERVICES**  
**STATEMENT I**  
**Vital Statistics of births and deaths**

Year	No. of births registered					Birth rate per 00' of population		
	Total	Rural	Urban	Male	Female	Total	Rural	Urban
	2	3	4	5	6	7	8	9
1969	1,477	..	1,477	792	685	0.96	..	0.96
1970	6,700	5,252	1,448	3,548	3,152	0.33	0.29	0.90
1971	8,917	7,658	1,259	4,684	4,233	0.59	0.55	1.07
1972	9,870	8,408	1,462	5,049	4,821	0.54	0.50	0.95
1973	10,168	8,052	2,116	5,285	4,883	0.57	0.50	1.20
1974	10,916	8,693	2,223	5,667	5,249	0.58	0.50	1.28
1975	13,419	11,534	1,885	6,937	6,482	0.59	0.56	0.92
1976	8,350	6,623	1,727	4,304	4,046	0.36	0.31	0.80
1977	13,256	11,008	2,248	6,886	6,370	0.52	0.49	0.78
1978	13,819	10,901	2,918	7,283	6,536	0.57	0.49	1.25

No. of male born to every 1000 female born	No. of deaths registered					Death rate per 00' of population			No. of male died to every 1000 female died
	Total	Rural	Urban	Male	Female	Total	Rural	Urban	
	11	12	13	14	15	16	17	18	
1,156	599	..	599	361	238	0.40	..	0.40	1,517
1,125	3,155	2,460	695	1,785	1,370	0.16	0.13	0.43	1,303
1,106	4,828	4,223	605	2,775	2,053	0.32	0.30	0.51	1,352
1,047	5,464	4,903	561	3,196	2,268	0.30	0.29	0.37	1,409
1,082	5,706	4,812	894	3,391	2,315	0.32	0.30	0.51	1,465
1,080	6,084	5,493	591	3,502	2,582	0.32	0.32	0.34	1,356
1,070	7,673	7,059	614	4,526	3,147	0.34	0.34	0.30	1,438
1,064	9,162	8,527	635	5,292	3,870	0.39	0.40	0.30	1,367
1,081	9,371	8,772	599	5,550	3,821	0.37	0.39	0.21	1,452
1,114	8,933	7,996	937	5,280	3,653	0.37	0.36	0.40	1,445

Source : Director of Health Services, Orissa, Bhubaneswar

STATEMENT II  
Infant Mortality

Year	No. of infant deaths registered				Infant mortality rate per 1000 births				No. of male infant died for every 1000 of female infant died
	Total	Rural	Urban	Male	Female	Total	Male	Female	
1	2	3	4	5	6	7	8	9	10
1969	71	..	71	40	31	48.07	50.51	45.26	1,290
1970	466	393	73	240	226	69.55	67.64	71.70	1,062
1971	441	375	66	260	181	49.46	55.51	46.76	1,436
1972	354	289	65	199	155	35.87	39.41	35.87	1,284
1973	391	303	88	236	155	38.45	44.65	31.74	1,523
1974	374	300	74	203	171	34.26	35.82	32.58	1,187
1975	490	410	80	284	206	36.52	40.94	31.78	1,379
1976	586	492	94	326	260	70.18	75.74	64.26	1,254
1977	508	422	86	294	214	38.32	42.70	33.59	1,374
1978	396	281	115	233	163	26.66	31.99	24.94	1,429

Source : Director of Health Services, Orissa, Bhubaneswar

**STATEMENT III**

Mortality from various diseases

Year	Cholera	Small-pox	Malaria	Other fevers	Dysentery and diarrhoea	Respiratory diseases	Injuries	Yaws	Veneral diseases	Other causes	Total deaths
1											
1969	..	..	..	..	4	1	52	..	1	199	257
1970	..	..	1	..	5	2	32	..	3	185	228
1971	..	..	2	..	10	1	31	4	4	179	231
1972	..	..	..	..	11	..	40	..	4	215	270
1973	..	..	..	..	1	1	34	..	2	263	301
1974	..	..	..	..	4	..	33	..	1	230	268
1975	..	..	2	..	7	..	55	..	4	286	354
1976	..	..	2	..	3	2	49	3	..	363	422
1977	..	..	12	..	24	1	69	..	1	358	465

Source : Director of Health Services, Orissa, Bhubaneswar

**STATEMENT IV**  
**Medical Facilities in the district**

Year	No. of Hospitals * Allopathy ** Homeopathy *** Indian medicines	No. of Dispensaries	No. of Primary Health Centres	Total	Number of Beds	No. of Doctors	No. of Pharmacists	No. of Nurses	Others	Total
1	2	3	4	5	6	7	8	9	10	11
1969-70	..	* 25 ** Nil *** Nil	17 1 12	39 Nil Nil	81 1 12	N.A. 1 12	N.A. 1 Nil	N.A. Nil Nil	N.A. 1 14	N.A. 3 26
1970-71	..	* 23 ** Nil *** Nil	28 1 12	41 Nil Nil	92 1 12	N.A. 1 12	N.A. 1 Nil	N.A. Nil Nil	N.A. 1 14	N.A. 3 26
1971-72	..	* 25 ** Nil *** Nil	28 2 13	41 Nil Nil	94 2 13	56 2 13	70 2 Nil	28 Nil Nil	964 2 15	1,118 6 28
1972-73	..	* 30 ** Nil *** Nil	24 2 13	42 Nil Nil	96 2 13	75 2 13	76 2 Nil	25 Nil Nil	1,045 2 15	1,221 6 28

1973-74	..	* 24	25	42	91	915	85	72	22	1,019	1,198
		** Nil	3	Nil	3	Nil	3	3	Nil	3	9
		*** Nil	13	Nil	13	Nil	13	Nil	Nil	15	28
1974-75	..	* 24	25	42	91	934	89	71	27	1,003	1,190
		** Nil	3	Nil	3	Nil	3	3	Nil	3	9
		*** Nil	14	Nil	14	Nil	14	Nil	Nil	16	30
1975-76	..	* 24	24	42	90	937	90	77	28	1,183	1,378
		** Nil	3	Nil	3	Nil	3	3	Nil	3	9
		*** Nil	15	Nil	15	Nil	15	Nil	Nil	17	32
1976-77	..	* 25	24	42	91	943	102	77	29	1,158	1,366
		** Nil	4	Nil	4	Nil	4	4	Nil	4	12
		*** Nil	16	Nil	16	Nil	16	Nil	Nil	20	36
1977-78	..	* 25	24	42	91	943	102	76	28	1,169	1,375
		** Nil	4	Nil	4	Nil	4	4	Nil	4	12
		*** Nil	17	Nil	17	Nil	17	Nil	Nil	21	38
1978-79	..	* 26	23	42	91	947	85	72	28	1,379	1,564
		** Nil	6	Nil	6	Nil	6	6	Nil	5	17
		*** Nil	20	Nil	20	Nil	20	Nil	Nil	24	44

N A.—Not Available

Source : (1) Director of Health Services, Orissa, Bhubaneswar

(2) Director of Indian Medicines and Homeopathy, Orissa, Bhubaneswar

## STATEMENT

Number of Indoor/Outdoor patients

Year	Number of indoor patients treated							
	Male	Female	Child	Total	Cured	Released	Discharged	Died
1	2	3	4	5	6	7	8	9
1969-70 ..	2,638 Nil Nil	1,625 Nil Nil	959 Nil Nil	5,222 Nil Nil	3,380 Nil Nil	1,096 Nil Nil	519 Nil Nil	227 Nil Nil
1970-71 ..	2,439 Nil Nil	1,615 Nil Nil	897 Nil Nil	4,951 Nil Nil	3,030 Nil Nil	1,053 Nil Nil	641 Nil Nil	227 Nil Nil
1971-72 ..	2,755 Nil Nil	1,687 Nil Nil	935 Nil Nil	5,377 Nil Nil	3,158 Nil Nil	1,420 Nil Nil	620 Nil Nil	179 Nil Nil
1972-73 ..	3,320 Nil Nil	2,049 Nil Nil	1,153 Nil Nil	6,522 Nil Nil	3,557 Nil Nil	1,926 Nil Nil	769 Nil Nil	270 Nil Nil
1973-74 ..	3,460 Nil Nil	2,427 Nil Nil	1,444 Nil Nil	7,331 Nil Nil	4,620 Nil Nil	1,766 Nil Nil	640 Nil Nil	305 Nil Nil
1974-75 ..	3,758 Nil Nil	2,878 Nil Nil	1,499 Nil Nil	8,135 Nil Nil	4,453 Nil Nil	2,354 Nil Nil	1 060 Nil Nil	268 Nil Nil
1975-76 ..	4,014 Nil Nil	3,622 Nil Nil	1,665 Nil Nil	9,301 Nil Nil	5,332 Nil Nil	2,641 Nil Nil	974 Nil Nil	354 Nil Nil
1976-77 ..	4,817 Nil Nil	4,678 Nil Nil	2,203 Nil Nil	11,698 Nil Nil	6,279 Nil Nil	3,270 Nil Nil	1 726 Nil Nil	423 Nil Nil
1977-78	5,274 Nil Nil	4,686 Nil Nil	2,597 Nil Nil	12,557 Nil Nil	5,959 Nil Nil	3,503 Nil Nil	2,630 Nil Nil	465 Nil Nil
1978-79 ..	5,546 Nil Nil	5,251 Nil Nil	2,667 Nil Nil	13,464 Nil Nil	6,512 Nil Nil	4,529 Nil Nil	1,952 Nil Nil	471 Nil Nil

IVA

treated in the district

No. of outdoor patients treated				y Allopathy yy Homeopathy yyy Indian medicines
Male	Female	Child	Total	
10	11	12	13	
3,18,020	1,24,111	1,94,633	6,36,764	y
2,376	1,425	2,619	6,420	yy
18,658	8,366	6,662	33,686	yyy
3,33,441	1,26,518	2,17,884	6,77,843	y
1,653	1,328	1,469	4,450	yy
11,848	5,200	4,147	21,195	yyy
3,27,427	1,25,324	2,16,455	6,69,206	y
2,065	1,233	1,802	5,100	yy
9,904	6,867	5,567	22,338	yyy
3,37,843	1,34,356	2,16,145	6,88,344	y
4,915	3,870	4,060	12,845	yy
16,338	9,794	7,844	33,976	yyy
3,45,629	1,50,885	1,97,811	6,94,325	y
4,371	3,468	3,731	11,570	yy
16,790	10,083	5,893	32,766	yyy
3,55,717	1,55,581	2,03,279	7,14,577	y
5,564	3,884	5,371	14,819	yy
20,537	9,952	6,278	36,767	yyy
3,91,724	1,68,088	2,38,693	7,98,505	y
8,718	3,983	5,359	18,060	yy
18,832	7,629	6,283	32,744	yyy
4,79,770	2,19,768	2,88,340	9,87,878	y
10,135	5,118	6,478	21,731	yy
21,311	9,313	9,788	40,412	yyy
5,45,556	2,54,613	3,13,841	11,14,010	y
10,008	5,341	7,446	22,795	yy
23,860	9,475	12,320	45,655	yyy
5,62,500	2,67,290	3,22,338	11,52,128	y
8,800	6,051	7,602	22,453	yy
34,406	12,265	13,550	60,221	yyy

Source : (1) Director of Health Services, Orissa, Bhubaneshwar  
 (2) Director of Indian Medicines and Homeopathy, Orissa, Bhubaneshwar

**STATEMENT V**  
**Statistics on Sanitation**

Year	Rural						Achievement
	Water Supply			Drainage			
	Amount spent (Rs.)	No. of villages with piped water	No. of tube-wells installed	No. of tanks dug	No. of persons benefited	Amount spent	
1	2	3	4	5	6	7	8
Prior to 1967-68			Nil	Nil	2,387	Nil	Nil
	83,837.44	1. Nandahandi			3,510		
	2,04,631.72	2. Malkangiri			2,844		
	1,31,909.39	3. Bishamakatak			2,414		
	1,55,765.29	4. Kalyanasingpur			2,092		
	61,190.54	5. Narayanpatna			3,944		
	65,587.00	6. Gudari			..		
1968-69 to 1972-73	..	..	..	..	..	..	..
1973-74	7,00,005.79	..	44	Nil	88	..	..
1974-75	10,59,446.47	..	85	Nil	17,000	..	..
1975-76	4,18,258.12	..	34	20 (Open wells)	10,800	..	..
1976-77	7,50,000.00 (+ )2,26,122.26	1. Padmapur	22	Nil	7,609	..	..
1977-78	23,51,625.77	..	210	Nil	42,000	..	..
1978-79	19,70,410.48	..	165	Nil	33,000	..	..
1979-80	9,70,480.40	..	120	Nil	24,000	..	..



STATEMENT V (Concl'd.)

Year	Amount spent (Rs.)	No. of towns supplied with piped water	Urban				Amount	Achievement
			Water supply		Drainage			
			No. of tube-wells installed	No. of wells and tanks dug	No. of persons benefited			
1	9	10	11	12	13	14	15	
Prior to 1967-68								
	16,87,827-00	1. Rayagara	..	..	47,000	..	..	
	7,76,463-00	2. Nabarangapur	..	..	20,000	..	..	
	52,89,055-85	3. Jeypur	..	..	40,000	..	..	
	26,08,573-00	4. Koraput	..	..	30,000	..	..	
	74,48,203-00	5. Sunabeda	..	..	Bulk supply	..	..	
1969-70 to 1972-73	..	..	..	..	..	..	..	
1973-74	..	..	..	..	..	..	..	
1974-75	..	..	..	..	..	..	..	
1975-76	..	..	..	..	..	..	..	
1976-77	..	..	..	..	..	..	..	
1977-78	..	..	..	..	..	..	..	
1978-79	..	..	..	..	..	..	..	
1979-80	..	..	..	..	..	..	..	

Source: Executive Engineer, Public Health Division, Koraput

STATEMENT VA  
Family Planning

Year	No. of family planning centres		No. of persons engaged in Family Planning Programme	No. of couples brought under Family Planning Programme		Contraceptives				
	Centres	Sub-centres		Sterilisation		No. distributed	No. of beneficiaries			
				Male	Female					
	2	3	4	5	6	7	8	9		
1969-70	..	38	114	251	15,070	26	1,344	— Nirodh Jelly Foam Tablets— Diaphragm —	1,80,052 1,870 2,728 32	1,599
1970-71	..	38	114	251	8,858	64	2,126	— Nirodh Jelly Foam Tablets— Diaphragm —	2,00,013 3,745 4,314 7	2,921
1971-72	..	38	114	260	9,416	77	2,303	— Nirodh Jelly Foam Tablets— Diaphragm —	5,35,065 7,016 38,902 Nil	8,126
1972-73	..	38	114	264	14,184	104	2,157	— Nirodh Jelly Foam Tablets— Diaphragm —	3,58,223 4,752 6,475 Nil	5,314

1973-74	..	38	114	270	4,728	232	648	Nirodh Jelly Foam Tablets—	— — 23,888	2,60,799 802	3,886
1974-75	..	38	71 (Approved)	281	2,743	421	486	Nirodh Jelly Foam Tablets—	— — 30,888	1,06,776 717	1,810
1975-76	..	38	71	330	15,378	1,538	2,918	Nirodh Jelly Foam Tablets—	— — 60	2,04,392 5,238	2,886
1976-77	..	38	71	330	40,280	5,562	3,340	Nirodh Jelly Foam Tablets— Diaphragm —	— — 946 10	2,21,545 49	3,095
1977-78	..	41+1 (One not functioning)	71	341	9,295	3,020	2,012	Nirodh Jelly Foam Tablets—	— — 27	1,00,986 503	1,488
1978-79	..	42	71	345	8,650	2,680	1,518	Nirodh Foam Tablets—	— —	1,50,487 281	2,091

Source : Chief District Medical Officer, Koraput

STATEMENT VI  
Epidemic control

Year	Cholera Control			National Small-pox Eradication Programme		Anti-leprosy work*		
	Inoculation	Disinfection of Houses	Water sources chlorinated	P. V.	R. V.	No. of Units functioning	No. of cases detected	No. of cases treated
	2	3	4	5	6	7	8	9
1969	..	1,190	23,966	1,18,075	2,71,875	..	..	..
1970	..	830	14,370	64,991	2,11,382	..	..	..
1971	..	315	8,333	1,84,292	5,33,199	..	..	..
1972	..	551	15,394	1,48,749	6,59,644	..	..	..
1973	..	554	19,816	1,21,948	6,21,668	11	189	189
1974	..	400	23,632	78,708	5,64,893	16	1,262	1,262
1975	..	706	25,233	62,582	3,99,775	..	264	263
1976	..	654	24,213	62,347	2,07,140	..	413	413
1977	..	275	29,486	49,216	1,00,029	..	471	471
1978	..	448	32,437	54,559	79,083	26	459	459

\* Figures relate to Financial Year.

STATEMENT VI (Concl'd.)

Year	Yaws Control Programme		T. B. Control Programme				Malaria Eradication Programme			
	No. of cases detected	No. of cases treated	Total tested by B. C. G. team	Neo-natal Vaccine	Fever cases detected	Blood smears collected	Holdings sprayed	Rooms sprayed		
	10	11	12	13	14	15	16	17		
1969	..	428	..	..	..	..	..	..		
1970	..	271	..	..	..	..	..	..		
1971	..	832	57,533	18,656	..	..	..	..		
1972	..	136	1,40,155	41,600	..	..	..	..		
1973	..	105	55,285	14,194	..	..	..	..		
1974	..	143	15,859	3,376	..	..	..	..		
1975	..	287	38,563	10,794	2,48,491	2,48,491	4,20,040	..		
1976	..	213	1,43,541	41,265	1,94,848	1,94,848	2,22,772	..		
1977	..	153	1,60,390	44,718	2,40,880	2,40,880	..	9,82,462		
1978	..	212	1,21,780	37,200	2,50,394	2,50,394	..	9,59,880		

Source: (a) Director of Health Services, Orissa, Bhubaneswar  
 (b) Chief District Medical Officer, Koraput  
 (c) Special Officer (Malaria), Orissa, Bhubaneswar