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## HEALTH STATUS OF SUNRISE STATE OF ANDHRA PRADESH-A STUDY

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#### Abstract

Background: Health and wealth are basic requirements for every human being and also everybody tries to get of those as much as possible in daily life. Our traditional notion "Health is Wealth" is true every time in our real life. Health is a public good. Investment in social and physical infrastructure positively affects the poor directly and indirectly in multiple ways. Infrastructure development is one of the major factors contributing to economic growth and employment generation directly by creating externalities for investment in the private sector. Investment in social sector infrastructure and human development enhances productivity through better education, improved workforce skill development, lower absenteeism, greater mobility, faster demographic transition, increased participation of women in workforce and better social security and welfare schemes. One of the most important pillars of social infrastructure and human development is health care. In India, the Constitution assigns a predominant role in providing social infrastructure to the States. Introduction: The health status of the people in the country is an important flag-post to evaluate the success of the state policy. Health of the individual impacts the growth of the nation in a very material sense. It has been estimated that the difference in the growth performance of many countries can be attributed to the health status of the people. In recent years, public expenditure on health support programmes in fact contributes quite tangible in spurring the growth in the country. Objectives: To study the health status of A.P with some key variables among 13 districts, to observe the budget allocations to health care after bifurcation. Methodology: In this study the author used the secondary data collected from various Government Reports, BOOKs, News Papers and Megazines etc. Findings: In this study the major finding is disparities among the States regarding health standards among people, the reasons may be the utilization of government facilities or lack of awareness among the public. Conclusion: There is necessity to improve the quality of service and most important thing is sufficient infrastructure also require to get good results to beneficiaries.

# Key Words: Human Development, Health Programs, Social Security, Nutrition, Indices Introduction

In 21<sup>st</sup> Century, research in Social sciences increased in a different way. In recent times, the social scientists have been bringing out many composite indices designed to assess the social development concepts in a concise manner to compare the countries or states within a country or state. Over the years, there has been a radical shift in thinking about health as an outcome of economic growth to it being seen an essential ingredient in the development process "Health is Wealth". It is widely acknowledged that higher incomes enable individuals to lead healthier lives. Apart from the economic case for investing in health, there is strong moral justification that is particularly appearing. Health is valuable in its own right as it directly affects the well-being of the individual. National Health Policy-2017 sets the ambitious target of gradually increasing public health expenditure to 2.5 percent of GDP and policy shift in Primary Health Care from selective care to assured comprehensive care. It envisages establishing Health and Wellness Centers and engagement with private sector for critical gap filling. The overall tone of the policy for an assurance based approach, increasing access, affordability and quality. Through new policy the State Governments are implemented the new policies and benefits given public to improve health. **Objectives of the study:** 

1. to study the health status of Andhra Pradesh with some key indices and IMR, MMR among 13 districts after bifurcation 2. to analyze the budget allocations of State Government to improve health condition of the people.

**Methodology:** In this study, the author used the secondary data from various sources like Research reports, Research Papers, Government Reports, Daily News papers, Books, and magazines etc. Recent Statistical data was collected for analysis. **Analysis of the Data:** Health is the State of Andhra Pradesh was an articulated priority of government. The former Chief Minister was especially focused on equity in the health care system and how to improve the services for the poor. The underlying philosophy was not only to improve the service delivery but also to address the link between poverty and health care; it had been recognized how health care costs is the main reason to indebtedness and often lead to poverty. A comprehensive social protection scheme was therefore introduced along with several innovative health care delivery models under the reform process. The common aim of these initiatives is to improve equity and access to health services. Technology

and new approaches in service delivery have been introduced as tool for efficiency and quality to reach the Milliennium Development Goals in the State.

At present the people in the state facing health problems due to various reasons. After reviewing the data some districts are having low quality health profile and some are have high quality. In the present study the author collected nearly 25 indices data from official reports to analyze the status of health in the 13 districts of State.

Index/Dist	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13
A1	977	997	1006	1003	992	988	981	985	1015	1019	1006	1004	985
A2	3.40	5.40	7.60	10.40	4.80	7.60	6.50	55.20	3.80	7.30	3.20	5.60	4.70
A3	2.90	2.40	2.30	2.70	2.10	3.30	2.20	2.40	2.30	2.50	2.50	2.30	2.70
A4	65.60	72.40	71.50	75.20	77.70	60.20	72.70	68.10	67.50	79.30	73.80	71.20	60.60
A5	65.40	72.10	71.20	75.00	77.30	60.20	71.90	67.90	67.30	79.10	73.60	71.00	60.20
A6	16.10	15.60	17.80	13.20	9.30	17.40	19.70	12.60	21.30	11.20	13.70	19.50	24.10
A7	82.00	91.60	95.20	91.20	96.90	75.70	92.70	91.60	92.20	93.20	80.30	97.80	92.70
A8	10.90	3.00	1.30	4.10	0.50	13.70	3.20	3.30	6.70	3.40	3.20	2.20	3.00
A9	66.20	55.30	62.20	62.80	46.70	59.40	57.10	54.40	80.00	63.40	65.00	51.60	62.00
A10	5.80	9.10	9.30	11.50	8.10	9.20	10.20	13.30	8.50	9.30	12.70	8.80	11.50
A11	12.20	10.80	10.80	12.90	7.90	10.80	9.50	14.40	20.20	12.50	15.50	11.30	9.90
A12	75.70	78.60	81.30	82.10	72.70	82.40	72.10	79.70	83.60	76.60	76.70	75.30	77.60
A13	22.60	21.70	20.70	23.50	19.20	30.30	13.50	21.40	15.80	10.20	18.30	18.30	17.40
A14	74.70	70.60	63.90	79.50	82.40	73.60	57.70	84.60	78.00	71.10	61.80	60.90	59.80
A15	18.30	10.90	9.10	11.70	15.60	9.20	NA	10.80	5.10	17.80	8.00	12.00	6.60
A16	63.20	63.40	78.20	73.70	72.80	69.50	64.70	72.40	69.40	60.40	61.20	66.70	65.40
A17	12.40	8.90	8.20	9.60	12.30	12.10	9.70	9.60	7.50	5.00	6.60	8.80	9.10
A18	25.10	21.30	20.40	19.30	19.30	19.60	20.40	20.30	21.10	20.10	20.10	19.60	19.70
A19	19.40	26.20	24.40	23.50	23.20	23.50	24.40	24.20	26.30	25.10	25.00	22.90	24.60
A20	19.40	8.30	12.70	22.10	14.00	19.50	14.30	14.40	4.30	11.40	17.80	14.70	17.50
A21	10.40	9.40	18.10	15.70	11.00	21.70	10.80	14.40	8.00	9.00	13.40	14.60	13.20
A22	84.10	70.50	95.50	95.50	88.20	79.60	52.00	79.60	92.00	88.00	87.10	88.00	77.30
A23	79.60	70.50	86.40	68.20	58.80	68.20	84.00	65.90	84.00	84.00	80.70	84.00	65.90
A24	69.70	42.40	21.90	41.40	39.30	37.80	23.30	32.20	42.90	40.00	63.00	35.00	48.30
A25	2	1	2	2	1	2	1	1	-	1	1	1	1

Table-1: Indices of Health Status of Sunrise State of Andhra Pradesh with Key Health Parameters of 13 Districts

Source: Report of NITI AAYOG-2017-18 Govt. of India

Note: Description of Indices A1 to A 25 & D1 to D13 are given in Annexure-I

The above Table-1 show that the key parameters of health status in the State, the highest Sex-ratio recorded in Vizianagaram district and the lowest in Ananthapuram. Next important variable is Institutional delevaries are very high in west Godavari district and lowest recorded in Kurnool . Prevalence of severe Anaemia in Pregnant women is very high in Ananthapur and lowest in Srikakulam. In Krishna and Guntur recorded the mean age at marriage for Girls are very low and it is very high in Ananthapur. Villages with sub-health centers within 3km are more in East Godavari and Guntur districts only. It is very less in Prakasam District. Villages with Primary Health Centers within 10km percentage is very high in East Godavari whereas in Krishna it is very low. PHC's functioning in 24x7 are in Ananthapuram district is very high percentage and it is very low in East Godavari. The Number of District hospitals are very number in (2) four districts and rest of other are having only one and in Srikakulam no District Hospital. Percentage of prevalence of Anemia from 6-59 months is very high in Srikakulam and low in Prakasam district. Prevalence of Severe anemia from 6-59 months percentage is very high Kurnool and very low in Prakasam district. Another important indices is Prevalence of anemia in pregnant women aged 15-49 percentage is very high in Nellore and very low in Kadapa. Among 13 districts these indices are varied and health status very poor in some district and some moderate , very poor in some districts.

Infancy and child hood periods of human life are often threatened by major potential risks to survival due to a number of reasons. In Andhra Pradesh, a number of inter linked elements like bifurcation, poverty, malnutrition, mother's health, medical care, education of the parents, awareness about government facilities etc., in addition to the child's health conditions lead to the persisting significant rates of under-five mortality, infant mortality and its components viz., neo-netal mortality and post neo-netal, peri-netal mortality. Over the years, India has attained impressive achievements in the fields of child survival and a faster declining trend has been observed in the recent past in IMR rates. However, the gravity of the problem varies significantly among the states.

The Health of mother has an important bearing on the health of child. Thus interventions for improvement of maternal health are critical for improving survival of newborn and are deemed to be intervention for both maternal and child health. The Maternal Mortality ratio (MMR) is the number of women who die from any cause related to or aggravated by pregnancy or its management during pregnancy and childbirth or within 42 days of termination of pregnancy, irrespective of the duration and site of the pregnancy, per 1,00,000 live births.

	During April 2018 to September, 2018				
Name of the District	Birth rate of Infant	MMR (Per	IMR (per	MMR(Per	IMR(per
		1,00,000)	1000)	1,00,000)	1000)
1. Srikakulam	20,497	17	192	98	47
2.vizianagaram	15,644	17	147	107	45
1. Visakhapatnam	33,491	37	451	117	39
2. East Godavari	36,971	30	556	74	34
3. West Godavari	26,082	18	164	80	28
4. Krishna	33,462	14	243	79	25
5. Guntur	34,422	30	475	83	31
6. Prakasam	26,395	08	213	87	37
7. Nellore	20,168	08	111	77	35
8. Chittor	27,781	17	358	86	35
9. YSR Kadapa	24,371	13	276	85	38
10. Ananthapuram	34,103	18	442	98	45
11. Kurnool	31,242	26	498	108	43
2018 (April- September)	3,64,629	253	4,126	-	-
2017(April- September)	3,45,834	354	4,356	-	-
2014-16	-	-	-	92	74

Source: EENAADU daily Telugu news paper Dt.

The above Table show that the IMR and MMR rates in two periods i.e., 2014-16 and 2018 from April to September. These figures indicate that after bifurcation also these values are very low, it is an positive position of improvement of health condition, but in 2018 these figures are very high the reasons may be due to natural calamities and unhealthy environment in the state. Due sudden rise of various diseases, lack of medical infrastructure. Human resources, and Doctors strikes etc.

The invariable existence of socio-cultural difference in the community has always been a major challenge to the health care efforts made by the Government, particularly in the rural areas where illiteracy is more. The study analysis points out that the awareness in community has to be increased. To achieve target MDG of MMR and IMR state needs to reach the unreached and motivate all needy women to avail the facilities given by the government.

Particulars	Accts 2014-15	Accts 2015-16	Accts 2016-17	RE 2017-18	B.E 2018-19	
1	2	3	4	5	6	
Urban Health services						
Allopathy	1,669.19	1,873,00	2,766.66	2,720.18	3,058.56	
Other Systems of Medicine	165.07	104.62	63.26	73.91	138.33	
Rural Health Services						
Allopathy	780.80	607.89	666.96	650.03	825.37	
Other Systems of Medicine	46.75	46.99	50.34	51.35	67.47	
Medical education,training	397.08	372.85	467.63	450.96	804.86	
and research						
Public Health	375.54	343.32	413.52	430.04	518.83	
General	242.65	242.62	266.13	267.10	306.94	
Family welfare	1,128.60	1,354.07	1,349.83	1,885.75	2,563.67	
Total	4,805.68	4,945.36	6,044.03	6,529.32	8,284.03	

Table-3 AP Budget allocations to Health Sector during 2014-15 to 2018-19

Source: Health and Family Welfare Report of A.P-Allocations to Important sectors in Budget 2014-18

The above **table-2** show that the state Budget of Andhra Pradesh 2018-19 has focused on increased allocation towards socio-economic development of the health care in the state. It has been increased from 4,805.68 in 2014-15 to 4,945.36 cr in 2015-16. During the third separate budget also allocations are favorable towards health i.e. 6,044.03 cr. Whereas in the year 2017-18 the revised estimates are also high Rs.6,529.32 crs. both rural and Urban health allocations increased year wise. The current Budget estimates are also increased at Rs.8,284.03 crs. These allocations are covered Urban and Rural areas all types medical facilities. During 2018-19 year these allocation amounts increased at higher amounts. **Conclusion** 

In concluding part the present study observed that the 25 key indices are considered to know the health status among 13 districts in the state. These indices are very useful to identify the condition of district in health position. Among these 13 districts shows variations in health condition of the people. In the case of IMR and MMR rates are very low in 2014-16 and in 2018, these rates recorded at a higher values in 2018 due to unfavorable conditions in the state and lack of availability of medicines, medicinal infrastructure in government hospitals, less rate of institutional deliveries, and skilled medical observers are also very less in the state. The mean age of girls at the time of marriage indices is very less among all the districts in the state. Due to lack of sufficient and nutritious food during pregnancy also cause to increase MMR and

IMR rates among the districts. The budget allocations are also not sufficient to reduce the unhealthy conditions in the districts.

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Annexure-I

Table-1(a) Indices of A1 to A 25 & description of D1 to D13

In-	Item Description	District	District Name
dex	1	code	
code			
A1	Sex Ratio (Number of Females per 1000 Males)	D1	Ananthapuram
A2	Births to Women aged 15-19 yrs out of total births (%)	D2	Chittoor
A3	Mean number of Children ever born to women aged:40-49 yrs	D3	East Godavari
A4	Current use of family planning methods (%)	D4	Guntur
A5	Current use of any modern method of family planning (%)	D5	Krishna
A6	Total unmet need for family planning (%)	D6	Kurnool
A7	Institutional Deliveries (%)	D7	Prakasam
A8	Deliveries at home conducted by skilled health personnel (%)	D8	Nellor
A9	Children who received full vaccination (%)	D9	Srikakulam
A10	Prevalence of Acute illness (%)	D10	Vizianagaram
A11	Prevalence of chronic illness (%)	D11	Visakhapatnam
A12	Prevalence of Anaemia (6-59 months) (%)	D12	West Godavari
A13	Prevalence of severe Anaemia (6-59 months) (%)	D13	YSR Kadapa
A14	Prevalence of Anaemia in Pregnant women aged 15-49 yrs (%)		
A15	Prevalence of Severe Anaemia in Pregnant women aged 15-49 yrs (%)		
A16	Prevalence of Anaemia in women aged 15-49 yrs (%)		
A17	Prevalence of Severe Anaemia in Women aged 15-49 yrs (%)		
A18	Mean age at marriage for girls (%)		
A19	Mean age at marriage for boys (%)		
A20	Currently married women married below 18 yrs of age (%)		
A21	Currently married men married below 21 yrs of age (%)		
A22	Villages with sub-Health Centres within 3km (%)		
A23	Villeges with Primary Health centres within 10km (%)		
A24	PHC's functioning on a 24x7 hrs basis (%)		
A25	Number of District Hospitals		

Source : NITI AYOUG-2017 Repot Statistics