



HEALTH FACILITIES IN MALEGAON & NANDGAON TAHSILS OF NASHIK DISTRICT

Dr. Sunil Ashok Deore

MSG College Malegaon, Nashik

sunildeore555@gmail.com

Abstract

In the present research paper the researcher has incorporated available health facilities in Malegaon and Nandgaon tahsils of Nashik district. The total health institute in Maharashtra Nashik district as well as study area have been compared and contrasted. The health centers and their facilities available in Malegaon tahsils of Nashik districts have been studied and analyzed comparatively. Detailed study of available health facilities in general hospital Malegaon Sub District Hospital Manmad and rural hospitals in Nandgaon have been compared and contrast. The health facilities available to the public in Malegaon tahsils with reference to Primary Health Centers and sub Centers have been compared. The sources required for the information have been used Panchayat Samiti Malegaon and which have been tabulated and computer by the researcher.

Key words- Health Facilities, Health centers, Services

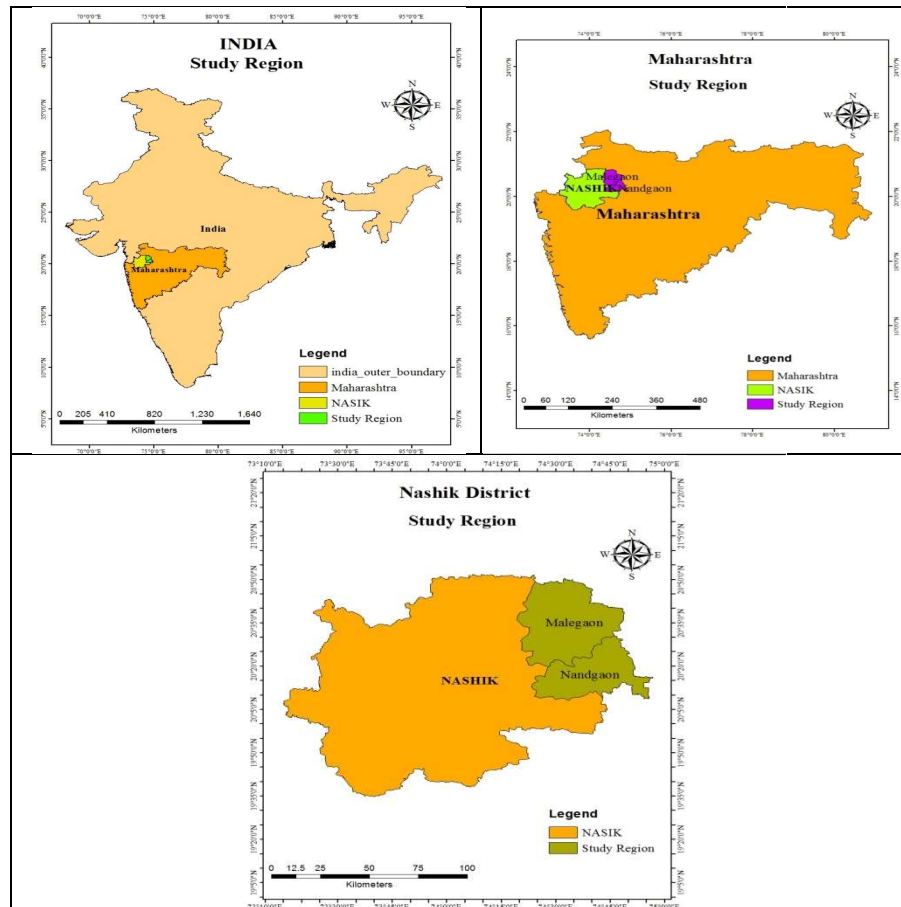
Introduction

In the study area there are 87 total health institute were working, out of one other general hospital located at Malegaon city, one sub district hospital working at Manmad city of Nandgaon tahsil, three rural hospital working one in proper Nandgaon city and two in Malegaon tahsil at Dabhadi & Zodge. 14 primary health centers working in different- different villages in the study area i.e. Nimgaon, Malgaon, Sonaj, Saudane, Vadner, Karajgavhan, Kalwadi, Vadel and chikhalohol (in Malegaon tahsil) and Hiswal, Bolthan, Sakora, Vehelgaon and Pimperkhed (in Nandgaon tahsil). And 68 sub centers working in the study area in the different-different places of the both tahsils, 48 in Malegaon tahsil and 20 Nandgaon tahsil were working. There are different-different facilities provided by step by step, sub centers to district hospital.

Study Area

Study area are situated in the east part of the district, lies between 20° 00' N To 20° 53' North latitudinal and from 74° 21' E to 74° 56' East longitudinal extension, with the total geographical area of 2919.62 sq. km. According to census 2011, 1244442 total population of the study area, to the east of study area is Jalgaon & Dhule district, on the western side are Satana, Deola and Chandwad tahsils (Nashik District) Aurangabad is at the south east, Yeola tahsil is south. Malegaon and Nandgaon both tahsils are situated in the east part of the district.

Map. No.1 Location Map



Methodology-

Methodology is one of the significant part of analysis result of analysis highly depend on the methodology will be used for the data analysis purpose. The present study is based on the secondary source of data.

Objectives

- 1) to study the government health facilities in the study area
- 2) to study the government norm for establishment of health institutions

Discussion

The present research paper studies the government health facilities in Malegaon and Nandgaon tehsils, from 2006 to 2015, whole health centers that is sub centers, primary health centers, rural hospital, sub district hospital and general hospital they have been studied in depth. In addition the numbers of beds in the health centers, the numbers of rural populations, as compare to growth of hospitals in between 2006 to 2015,

Health services at a glance (Norms for establishment of health institutions

As per the government population norm for establishment of health institutes. i.e.

- 1) Primary health centers (PHC) for 30000 populations in non-tribal area.
- 2) Primary health centers (PHC) for 20000 populations in tribal area.

- 3) Sub center (SC) for 5000 population in non-tribal area.
- 4) Sub center (SC) for 3000 population in tribal area.
- 5) Rural hospital for every 4 to 5 primary health centers.

A) Health Infrastructure at a Glance

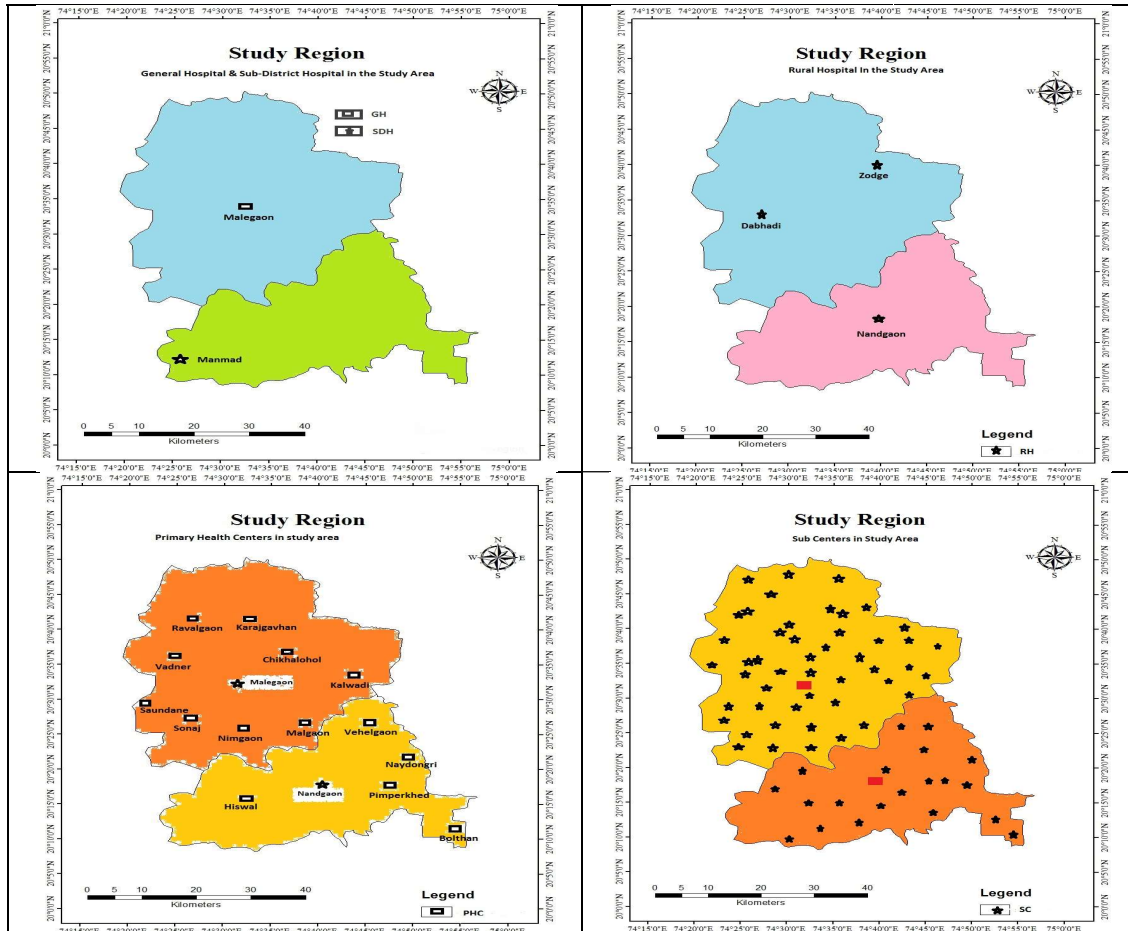
Table No 1
Total health institutes in Maharashtra, Nashik district, and Study Area

Sr. No.	Health institution in the area	Maharashtra	Nashik dist.	Malegaon tehsil	Nandgaon tehsil
1	Sub center	10580	577	48	20
2	PHC	1811	103	9	5
3	Rural Hospital (30 beds)	360	23	2	1
4	Sub-District Hospital (50 beds)	58	3	0	1
5	Sub-District Hospital (100 beds)	28	1	0	0
6	General Hospital (60 beds)	4	1	1	0
7	Other Hospital (Ortho.)	1	0	0	0
8	District hospital	23	1	0	0
9	Super Speciality Hospital	2	0	0	0
10	Mental Health Institutes	4	0	0	0
11	Woman Hospitals	11	0	0	0
12	TB Hospitals	4	0	0	0
13	Health & Family Welfare Training Institutions	7	1	0	0
14	Mobile Medical Units	13	1	0	0
15	Mobile Health Units	33	4	0	0
16	Dispensary Allopathic	303	8	0	0
17	Dispensary Aayurvedic	90	0	0	0
	Total	13332	723	60	27

(Source –Health Department, Jilha Parished, Nashik)

Above table mentioned of availability of health institutes in overall Maharashtra with whole Nashik district as well as both tehsils, there are 10580 sub centers in Maharashtra, 577 in Nashik district and 48, 20 in Malegaon and Nandgaon tehsil respectively. About primary health centers, 1811 in Maharashtra, 103 in Nashik district and 9 in Malegaon and 5 in Nandgaon working the primary health centers. rural hospital are working in the study area that is 3 (1Nandgaon and 2 in Malegaon) and whole district 23 and Maharashtra 360 are working, about sub-district hospitals (50 beds) one working in Manmad at Nandgaon tehsil, 3 in Nashik district and 58 in whole Maharashtra, and 100 beds sub district hospital working at one in Nashik district and 28 in Maharashtra, and one in Malegaon and 4 in Maharashtra general hospitals are workings in the study area. It means 13332 total health centers in Maharashtra, 723 in Nashik district and 60, 27, in Malegaon and Nandgaon tehsil total health centers working respectively.

Map No. 1 Location of General, Sub-District Hospital, Rural Hospitals, Primary Health Centers & Sub centers in the Study Area



General Hospital

India's Public Health System has been developed over the years as a 3-tier system, namely primary, secondary and tertiary level of health care. District Health System is the fundamental basis for implementing various health policies, delivery of healthcare and management of health services for defined geographic area. General Hospital is a hospital at the secondary referral level responsible for a district of a defined geographical area containing a defined population. Its objective is to provide comprehensive secondary health care services to the people in the district at an acceptable level of quality and being responsive and sensitive to the needs of people and referring centers. Every district is expected to have a district hospital.

District other general hospital is an essential component of the district health system and functions as a secondary level of health care which provides curative, preventive and primitive healthcare services to the people in the district. Every district is expected to have a district hospital linked with the public hospitals/health centers down below the district such as

Sub-district/Sub-divisional hospitals, Community Health Centers, Primary Health Centers and Sub-centers. In the study area general hospital located at Malegaon city.

Table No. 2
Total Health Facilities in General Hospital, Sub District Hospital & Rural hospital

Serial Number	Facilities	General Hospital Malegaon(Is This Facility Available)	Sub District Hospital (Is This Facility Available)	Rural hospitals (Is This Facility Available)
1	Outpatient Services	Yes	Yes	Yes
2	Indoor patient Services	Yes	Yes	Yes
3	Maternal & Child Health Services	Yes	Yes	Yes
4	Emergency Treatment services	Yes	Yes	Yes
5	Laboratory	Yes	Yes	Yes
6	Labour Room	Yes	Yes	Yes
7	Functional Operational Theater	Yes	Yes	Yes
8	Functional Postmortem room	Yes	Yes	Yes
9	Functional Ambulance/ Transport Facilities	Yes	Yes	Yes
10	Neo-natal corner with functional warmer and Resuscitation facilities	Yes	Yes	Yes
11	Functional X-Ray	Yes	Yes	Yes
12	Examination of Medico legal cases	Yes	Yes	Yes
13	Refraction examination by Ophthalmic officer	Yes	Yes	Yes
14	Family planning sterilization operations.	Yes	Yes	Yes
15	Immunization and counseling for Family planning services with distribution of contraceptive devices	Yes	Yes	Yes
16	Services offered under National Health programs	Yes	Yes	Yes
17	Major & Minor Surgeries	Yes	Yes	Yes
18	ICTC & PPTCT located	Yes	Yes	Yes
19	Blood bank & component separation unit	Yes	Yes	Yes
20	Physiotherapy services	Yes	-	-
21	6 Bedded ICU	Yes	-	-
22	Dieticians and Diet services	Yes	-	-
23	Dental services	Yes	-	-
24	Additional specialty unit- Psychiatry unit	Yes	-	-
25	Additional specialty unit- Burn ward	Yes	-	-
26	Additional specialty unit- SNCU	Yes	-	-
27	Additional specialty unit- Nursing home	Yes	-	-
28	Additional specialty unit- Trauma care unit	Yes	-	-

(Source- General Hospital Malegaon, Sub District Hospital & Rural Hospital Dabhadi, Zodge & Nandgaon)

Above the services provided by the general hospital, Sub District Hospital & Rural Hospitals those kinds of facilities are available in all hospitals.

Sub District Hospital

Sub-district hospitals are below the district and above the block level (CHC) hospitals and act as First Referral Units for the Tehsil/Taluka/block population in which they are geographically located. Specialist services are provided through these Sub district hospitals and they receive referred cases from neighboring CHCs, PHCs and SCs. They have an important role to play as First Referral Units in providing emergency obstetrics care and neonatal care and help in bringing down the Maternal Mortality and Infant Mortality. They form an important link between SC, PHC and CHC on one end and District Hospitals on other end. Common for both 31-50 bedded and 51-100 bedded Sub-district Hospitals services include OPD, indoor and emergency services. Secondary level health care services also available in this hospital. In the study area general hospital located at Malegaon city.

Rural hospital

The rural hospital is also called the Community Health Center. The government operates and it provides free treatment to the poor patients. It is about 1-2 in a tehsil; every rural hospital has 30 beds, four specialist doctors, nurses and other staff. Rural hospitals help all primary health centers in the tehsil, so patients from all these places come from rural hospitals. Various types of treatment and some surgical procedures are also performed in the rural hospital. Here it is expected that a pediatrician, gynecologist, an expert surgical surgeon, and a forgery doctor. In the study area rural hospital located at Dabhadi, Zodge & Nandgaon city.

Primary health centers

There are 9 Primary health centers working in Malegaon and 5 in Nandgaon tahsils of Nashik district, and various facilities provided by government like a given below

Table No. 3
Total Health Facilities in Primary Health Centers & Sub Centers

Facilities in PHCs			Facilities in SCs		
Serial Number	Facilities	Is This Facility Available	Serial Number	Facilities	Is This Facility Available
1	Outpatient Department	Yes	1	Treatment of minor ailments	Yes
2	Indoor patient Department	Yes	2	Maternal Health Services including antenatal check-up and immunization	Yes
3	Emergency Treatment Services	Yes	3	Delivery Services	Yes
4	Maternal and Child Health Services	Yes	4	Neo-natal corner with functional warmer and Resuscitation facilities	No



5	Services offered under National Health Programs	Yes	5	Services offered under National Health Programmes	Yes
6	Functional Labour Room	Yes	6	VCDC	Yes
7	Functional Operation Theatre	Yes	7	Services under regular ArogyaSatra	Yes
8	Functional Laboratory Facilities	Yes	8	Services under definite, pre-scheduled Dr.Visit Programme	Yes
9	Functional Post Mortem Room	No	-	-	-
10	Functional Ambulance / Transport Facilities	Yes	-	-	-
11	Neo-natal corner with functional warmer and Resuscitation facilities	Yes	-	-	-

(Source – Panchayat Samiti Malegaon / Computed By Researcher)

Above the services provided by Primary Health Center are - OPD, 6 beds indoor ward, Emergency services, Operative & Laboratory facilities, implementation of various health programs, family planning services and treatment of patients referred by sub centers. Staffing norm of Primary health center is 15, out of which cleaning and ambulance services are contracted out.

For sub centers above the table showing the facilities to sub centers like a Antenatal checkup, immunization, treatment of minor ailments, maternal and child health services, investigation of suspected TB, Malaria and leprosy cases, their treatment and referral, health education are the health services provided by sub centers.

Table No. 3
Total Numbers of PHCs and SCs

Sr. No.	Name of institute	Tehsil name	
		Malegaon	Nandgaon
1	PHCs	9	5
2	SC	48	20

(Source- Health Office, Panchayat Samity, Malegaon & Nandgaon Tahsil)

Sub Center

Sub center is the most peripheral and first contact point between the primary health centers to community. 5000 population in plain areas (non-tribal area) and for every 3000 population in hilly or tribal or desert areas. There are 68 sub centers working in the study area.



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