

Location Intelligence in Healthcare System

India's health care system consists of a mix of public and private sector providers of health services. Networks of health care facilities at the primary, secondary and tertiary level, run mainly by State Governments. The challenges that Indian's healthcare system is facing such as to provide better health services, improve physical infrastructure, ensuring availability of trained manpower, and to perform disease surveillance etc. Location intelligence has a powerful capability to address these kind of challenges in healthcare sector. Geographical visualization of locations enable the healthcare sector for better decision making and implementation.

Major Challenges

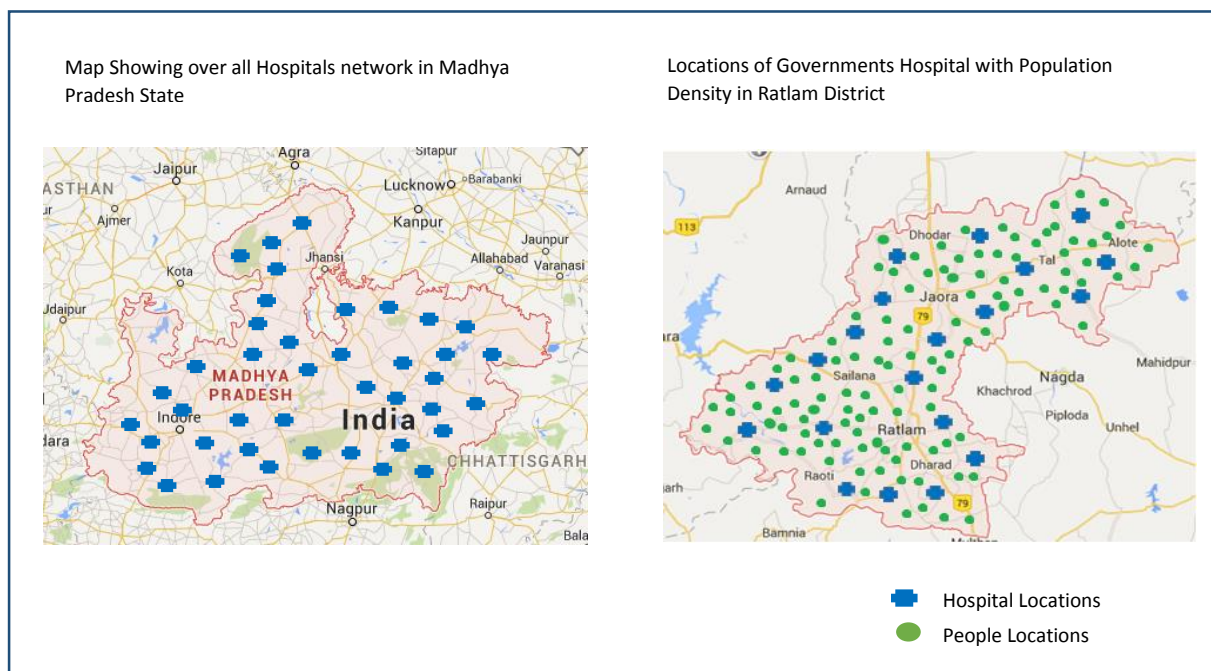
- ✓ Adequate Service delivery system
- ✓ Ineffective Disease Surveillance
- ✓ Weak Planning for Infrastructure Developments
- ✓ Poor access for healthcare services

Benefits of Location Intelligence in Indian Healthcare Sector

Location intelligence brings advance solution for healthcare sector for predictive analytics and better service delivery system. With the ability of view location based data in a real time map, it helps healthcare sector significantly enhance data visualization for decision making, execution of plans and improvements of healthcare sector.

Monitoring and evaluation Service delivery system

In order to improve quality of Indian's healthcare sector, it is required much focus on better services delivery system. Healthcare delivery system can be improved through the using location intelligence. Through location intelligence healthcare organizations will be able to view geo spatial connected data of the existing healthcare network for the preparation better service delivery system. Location intelligence helps healthcare organization to analyse the population density of particular area wise and deliver batter services and allocate resource over the specific area wise need.



Disease Surveillance

Government's organization want to know about public health therefore governments are running many public health monitoring program at rural and urban level. These Disease Surveillance monitor system helps health organization to evaluating and monitoring the increasing diseases areas. Location intelligence can enhance the capability of disease monitoring system through collecting the spatial data for disease suffering locations. Geographical visualization of public health data will helpful in planning, implementation and evaluation public health policies in healthcare sector. By using location intelligence in healthcare sector, it provides information individual area wise which can be used for disease prevention and control programmes.

Planning for Infrastructure in healthcare sector

Indian healthcare system has a very huge network across the country. It is very difficult to maintain the existing healthcare infrastructure at rural and urban level. Location intelligence enables governments analyse the healthcare network over the population density. Geographically related insights for healthcare sector allow organizations to identify locations which are deprived from healthcare infrastructure service. All of these aspect of Location intelligence enables to the governments develop the better infrastructure for healthcare sector so that people will able to utilize the public healthcare facility at district, block and village level.

Access for healthcare service

Governments Organizations want improvement in the public healthcare system which is accessed by rural and urban population. If organizations want to meet healthcare need at rural and urban areas, they must use substantial solution for unreachable locations. Location intelligence provides solution to identify the locations which are located far form medical and public health facilities. Location Intelligence also helps governments to analyse the locations where accessibility of healthcare services is very low and develop better services delivery system for those locations.