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ISD Program

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ISD Program

Integrated Disease Surveillance Program

PREFACE

Disease surveillance is the core activity of the health department in Gujarat to which it is fully committed. There was/is an urgent need to streamline and integrate disease data flow and ensure utilization of data for decision making as a routine.

Learning from the success of the Kutch programme, the government of Gujarat launched a pioneering pilot IDS programme with the technical inputs of WHO in 8 other earthquake-affected districts

AGENDA

- + What is an ISD Program
- + Objective.
- + Strategies.
- + ISDP Support-Network in Gujarat.
- + Data-Flow.
- + Achievements
- + Health-care Delivery Network.
- + About WHO

What is an ISD Program



Under the **World Health Organization (WHO)** Earthquake relief mission in 2001, an **Integrated Disease Surveillance (IDS) Programme** was implemented in the earthquake-affected blocks of the Kutch district following the earthquake. This was a successful programme for early detection and prevention of communicable disease outbreaks, which cause further morbidity and mortality adding to the after effects of any natural disaster.

Learning from the success of the Kutch programme, the government of Gujarat launched a pioneering pilot IDS programme with the technical inputs of WHO in 8 other earthquake-affected districts (Ahmedabad, Mehsana, Surendranagar, Patan, Banaskantha, Jamnagar, Kutch, and Rajkot) including 3 medical college hospitals, and municipal corporations. Selected large private/trust hospitals of Gujarat are also a part of the reporting network. Financial support for the project has been from the European Union.

Under this programme a weekly web-based reporting system has been established in 8 districts. On an average 470 reporting units from these 8 districts submit weekly statistics of 16 communicable diseases to the State Epidemic Cell.

The data flow is electronic from the district level onwards (data flow chart). The IDS software is loaded on the Gujarat State Wide Area Network (GSWAN) <http://10.24.33.150/ids> through which data from the districts, medical colleges, and municipal corporations is available for the last twelve months.

Objectives

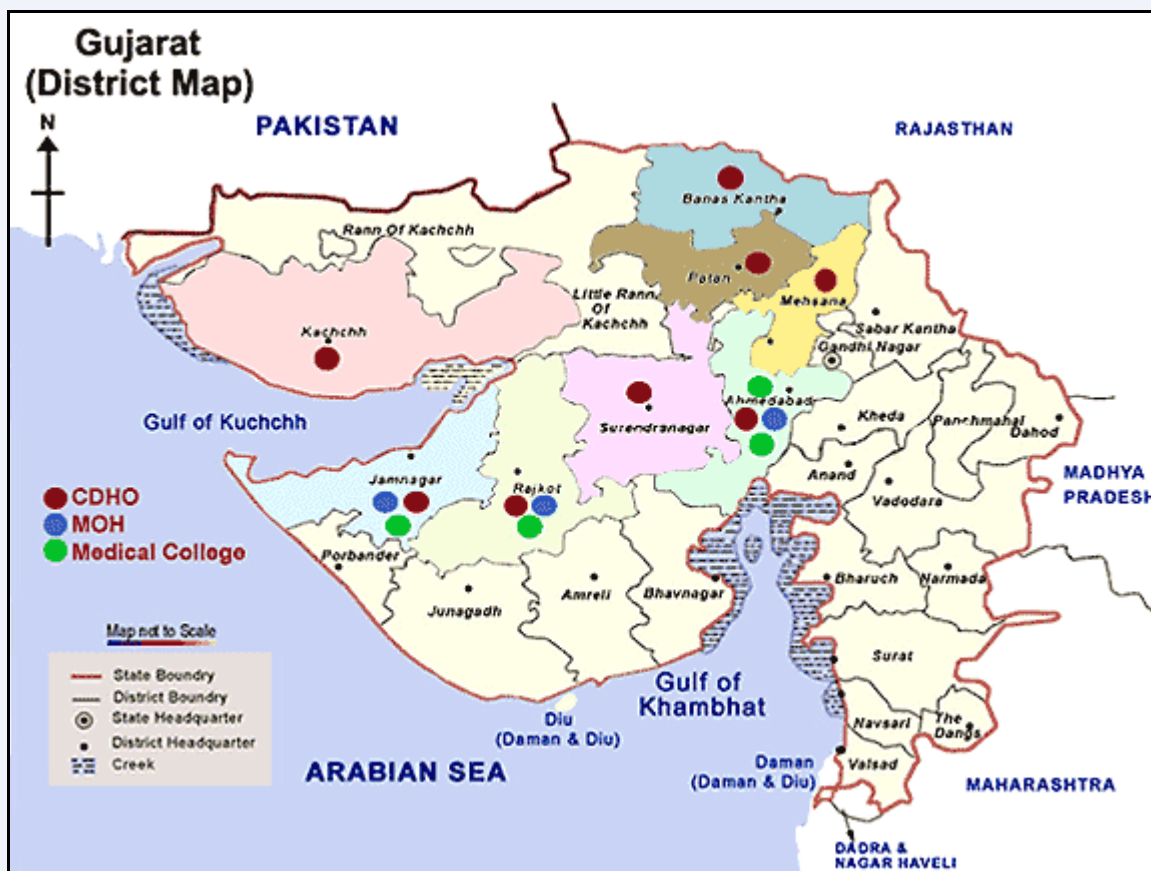
The programme was initiated with a goal of help reduce the burden of morbidity and mortality due to various diseases in the state of Gujarat by:

- + Establishing a sustainable decentralized system of disease surveillance for timely and effective public health action.
- + Integrating disease surveillance activities. To avoid duplication and facilitate sharing of information across all disease control programmes so that valid data are available for appropriate health decision.

Strategies

- + Development and operationalization of norms and standards of case detection, reporting format.
- + Strengthening the MIS system- Establishing Web based data collection and transmission mechanisms.
- + Analyzing line listing of cases and Geographical Information Systems (GIS) mapping approach.
- + Training in Data Collection, and data transfer mechanisms.
- + Establishing mechanisms for Analysis for Public health action and feedback.

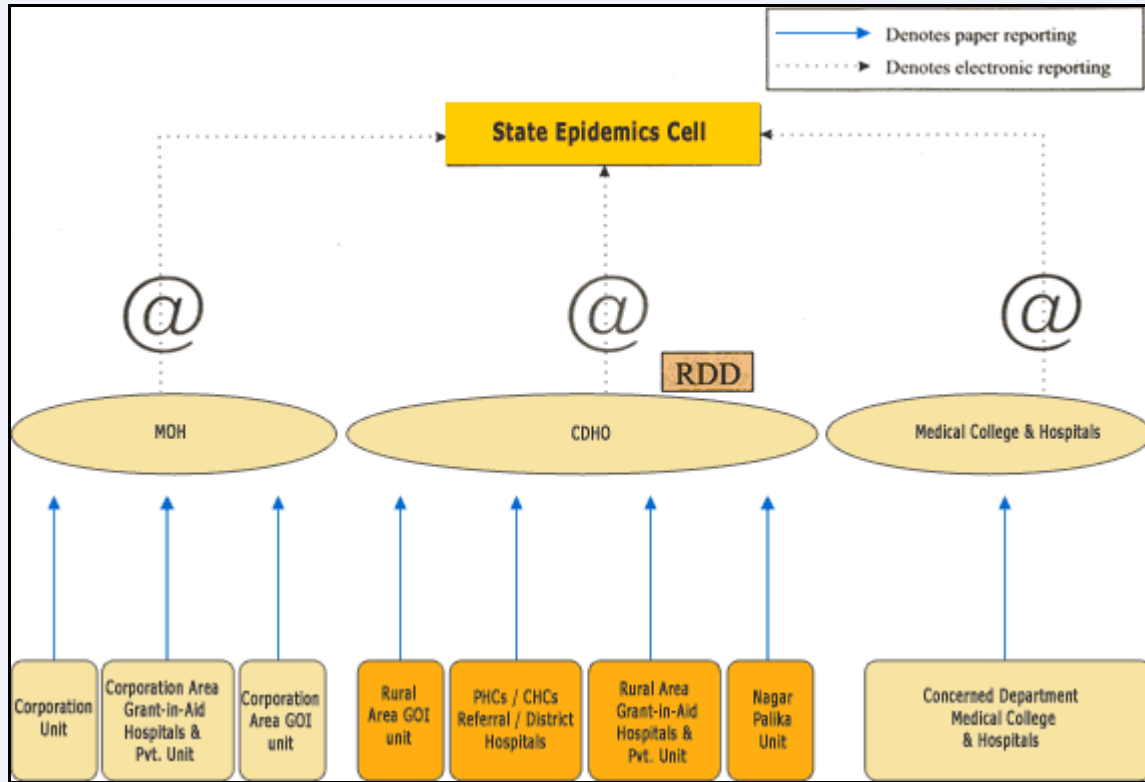
IDSP Support Network in Gujarat:



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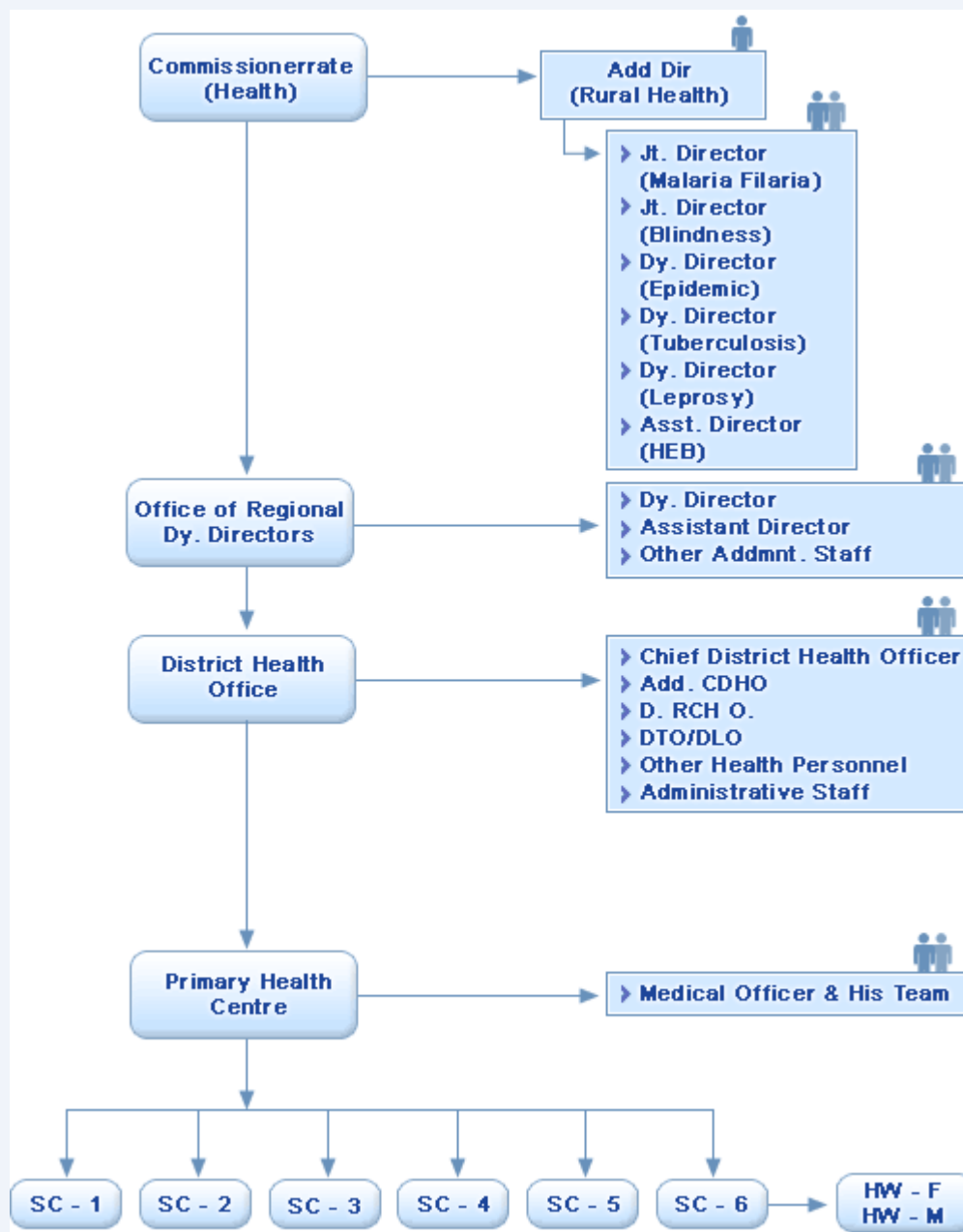
Data Flow:



Achievements:

- (1) Achieved 90-97% reporting form all 8 districts.
- (2) Different networks within the health system with weak programmatic or administrative linkages have started reporting, using the same format and guidelines. Such as
 - (i) District public health network
 - (ii) Medical college hospitals,
 - (iii) Municipal Corporations,
 - (iv) Selected private/trust hospitals have started reporting to the government.
- (3) Data transmission is easy and swift because of electronic transfer. This helps in strengthening the early warning system for preventing disease outbreaks.
- (4) Data through this system is:
 - (i) Comparable
 - (ii) Accessible to all through the GSWAN
 - (iii) Easy to retrieve
 - (iv) Easy to analyze.
- (5) The district is better equipped/prepared to handle disease outbreaks because of:
 - (i) Access to timely information
 - (ii) Training
- (6) Feedback on reports given regularly through weekly alerts and monthly summary reports to the State, Regional and the District levels.
- (7) Action based on surveillance has started.
- (8) Participation of the private hospitals has been successfully initiated

Health Care Delivery Network In Gujarat



About WHO



About WHO:

- ✚ A specialized agency of the United Nations - it is the lead organization on Global Health.
- ✚ An inter-governmental organization, it works in collaboration with its member states through the Ministry of Health.
- ✚ WHO's objective is the attainment by all people of the best possible level of health i.e. "Health for All".
- ✚ In India, WHO provides technical cooperation, collaboration and coordination for health to the Government in support of national health development efforts.

It :

- ✚ Assists in Policy & Management
- ✚ Supports Health Services & Development
- ✚ Advocates Health Promotion & Protection
- ✚ Assists in Human Resource Building

Mission:

The attainment of the highest possible level of health by the people of India.

Vision:

Build a strong, proactive, technically excellent and dedicated WHO country team, part of a global network; provide leadership in health; and collaborate with governments, civil society and other partners.

Provide technical expertise in public health through partnerships with Ministry of Health and Family Welfare; state and local governments; development and other partners; and civil society; with focus on:

- ✚ **Promoting health as a fundamental human right, and working to place health as an integral part of sustainable socio-economic development for the people of India**
- ✚ **Proactive and committed leadership in public health, with emphasis on:**
 - ❖ setting norms and standards;
 - ❖ reducing the burden of excessive morbidity, disability and mortality;
 - ❖ reducing the risk factors associated with major causes of disease;
 - ❖ developing health systems to ensure equity in health
 - ❖ promoting an effective health dimension to development policies in social, economic and environmental areas.

Mobilizing, developing and optimally utilizing human and financial resources and promoting conducive working environments.

eGovernance News

Seminar on “Career with BPOs” at Vadodara

Gujarat Informatics Limited (GIL), a nodal agency of Government of Gujarat for the spread of Information Technology in Gujarat has organized a Seminar on “Career with BPOs” on Friday , 10th June , 2005 at Prof. C.C. Mehta Auditorium, M.S. University Campus, Pratapgunj, Vadodara between 9 a.m. to 12.30 P.M.

GIL which had organized similar seminar at Ahmedabad which was a huge success and therefore, it has decided to hold similar seminars at other big cities in the State to create awareness among the youth about BPO sector and how to make successful career in this sector. Those who had registered themselves at Ahmedabad seminar, around 50 of them have got an opportunity to work in BPO Companies.

Business Process Outsourcing is the fastest growing sector in IT Industry. There are a lot of employment opportunities in BPO Sector. In the said Seminar, leading BPO Companies in Gujarat will make presentation on “How to make a bright Career in BPO”.

This seminar would be providing opportunity for around 300 candidates for on the spot registration, on first come first serve basis for future job requirement with BPO Companies in Gujarat. Those who are interested to know about BPO Industry and would like to get associated with this rising industry are cordially invited to attend this Seminar. This Seminar is open to all.

eGovernance News

GIL SIGNS MOU WITH IBM TO FUEL ACADEMIC EXCELLENCE IN THE STATE

Gujarat Informatics Limited (GIL) & IBM India announced the signing of a MoU to fuel academic excellence in the State of Gujarat on June 10 2005. The MoU was signed in the presence of Hon'ble Education Minister, Smt. Anandiben Patel, Principal Secretary (Education), Commissioner (Technical Education), Shri J. N. Singh (Managing Director, GIL and Secretary, Science & Technology Department) and Mr. Rod Solomons (EBO Executive - Software Group, IBM India).

Gujarat is one of the First States in the country to have initiated an in-depth IT education Initiative in the area of Open Source and Open Standards to benefit of technical students community.

Major objectives of this MoU:

1. Build a repository of e-Governance POC(Proof of Concept)/Prototype solutions and make it freely available to government agencies , solutions providers and academia.
2. Involve Students for creating POC/Prototype solutions for local e-Governance needs at various levels.
3. Conduct technical seminars and workshops in major cities across the state to benefit local IT professionals, entrepreneurs, and college teachers.
4. Promote cross-platform open source and open standards based technologies.
5. Support local IT community activities.

In accordance with this MoU. GIL will help in providing 25 project scenarios which can benefit under the broad umbrella of e-Governance. These real world Scenarios will cover the Government to Citizen(G2C), Government to Government(G2G) and Government to Business(G2B) categories of eGovernance. This Initiative enables around 1000 Engineering, MCA & MBA students to have experience of Real life Projects, which will be helpful in getting employment.

eGovernance News

OPEN STANDARD DAY

Gujarat Informatics Limited in association with IBM organized day long workshop “Open Standard Day” on 3rd June, 2005 at Hotel Taj Residency Umed, Ahmedabad. Such Program had organized to get a glimpse on the open standards and to deliberate on the importance and role of open standards in e-Governance. Software designed with open standards can liberate users from the hostage experience by enabling information sharing and collaboration within and between organizations and individuals.

Shri J. N. Singh (Managing Director, GIL and Secretary, Science & Technology Department) said “ The Gujarat Government is going to spend Rs. 150-200 crore on various e-Governance projects over the next one year.It will also spend Rs. 25-30 crore on computerization and inter-connect 13,000 panchayats”. More He said “The e-Gram project will provide services like instant processing of birth and death registration and issuance of certificate such as cast and income”. He added “ The e-Gram connectivity will be done through BSNL’s internetwork and not through the GSWAN so that it does not clutter the later.

N. Vijayaditya, Director General - National Informatics Center said “A move to open source and away from proprietary information management systems will help to avoid steep maintenance fees and increase the longevity of data. It is thus essential to increasingly follow open standards in development of applications.”

Harish Grama, Vice President - IBM Software Group said “The presence of open standards will enable customers to more easily integrate applications and data, implement more flexible and streamlined business processes and leverage existing information assets”

Web Corner

Gujarat Informatics Limited Website

<http://www.gil.gujarat.gov.in>

<http://www.howstuffworks.com>

Please look out for this section for URLs of Government websites

For electronic subscription to the bulletin, please email us with your email address at:

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