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## DISEASE SURVEILLANCE AND RESPONSE IN KENYA

### Surveillance systems

Kenya as a WHO member country adopted integrated Disease Surveillance (IDSR) strategy to strengthen disease surveillance in 1998

#### Objectives of the Strategy

- Strengthen capacity for effective capacity
- Improve use of surveillance information
- Improve laboratory involvement in epidemic detection

#### IDSR priority diseases (18) in Kenya

##### Epidemic Prone Diseases

- |              |                          |
|--------------|--------------------------|
| Cholera      | Typhoid Fever            |
| Dysentery    | Meningococcal Meningitis |
| Plague       | Measles                  |
| Yellow Fever | Other VHF's              |

##### Diseases earmarked for Eradication / elimination

- |                     |                  |
|---------------------|------------------|
| Leprosy             | Dracunculiasis   |
| Poliomyelitis (AFP) | Neonatal Tetanus |

##### Diseases of Public Health Importance

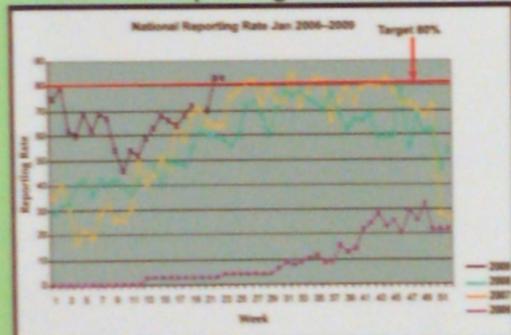
- |                |                     |
|----------------|---------------------|
| Malaria        | Childhood Pneumonia |
| New AIDS Cases | Childhood Diarrhoea |
| Tuberculosis   | STIs                |

Other emerging infections like Pandemic Influenza A H1N1  
 Diseases appearing RED are reported on weekly basis



### Existing Capacities

#### National reporting rates



#### DIAGNOSTIC CAPACITIES

- NATIONAL PUBLIC HEALTH LABS
- KENYA MEDICAL RESEARCH INSTITUTE



#### ISOLATION FACILITIES

KENYATTA NATIONAL HOSPITAL



### Challenges and areas that need support

#### Weak surveillance systems

- scale up IDSR training of health workers in newly created districts using cost effective methods

#### Weak Reporting systems from district health facilities to Central Surveillance Unit

- Improve data/information flow through innovative techniques e.g. PDA, mobile phone reporting

#### Weak/ uncoordinated Rapid response Teams

- Support rapid response teams with the necessary logistics and supplies to handle outbreaks

#### Weak laboratory Capacity and Network

- Need for the establishment of more Biosafety level 2 and 3 labs in the districts

#### Lack of Adequate isolation and Quarantine Facilities

- Need for the establishment of Quarantine facilities at the Ports of Entry
- More district level Quarantine facilities

#### Other areas

- Enhance district level labs
- Implement community based surveillance
- Support implementation of international health regulations
- Provide computer /equipment to all surveillance units in districts

KENYA NATIONAL COUNCIL FOR SCIENCE AND TECHNOLOGY  
 Ministry of Higher Education, Science and Technology

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