### IDSR Core Functions and Activities by Health System Level

#### National

- **Identify**
  - Develop and disseminate generic guidelines for surveillance
  - Document and share IDSR best practices
  - Provide technical support to the national level for collection and confirmation of priority diseases, conditions, and events
  - Form countries about problems that may cross borders
  - Establish and maintain national reference laboratory network support including centers of excellence

- **Report**
  - All simple cases and definitions to identify priority diseases, events, conditions, or other hazards in the community
  - Report essential information on priority diseases, events, conditions, or hazards to health facility and appropriate authorities
  - Mobilize local leaders in designing, describing, and interpreting disease pattern, events, and trends in the community
  - Provide local laboratory staff/cases and training

- **Analyze and Interpret**
  - Any reports of outbreaks or disease activity data
  - Any reports for priority diseases and conditions
  - Any reports in the national database
  - Any reports in the reporting network
  - Any reports to national laboratories
  - Any reports to WHO Collaborating Centres

- **Investigate and Confirm**
  - Support event investigation activities
  - Support local authorities in selecting responses activities
  - Ensure community seeks care immediately in case of emergency and danger signs of disease, events, and conditions
  - Participate in responses activities including home-based care
  - Mobilize resources appropriate for the activity
  - Carry out community health education for behavior change

- **Respond**
  - Provide feedback to community members about reported cases, events, and prevention activities

- **Communicate (Feedback)**
  - Notify if public health interventions took place as planned
  - Notify the community response to the public health action

- **Evaluate**
  - Participate in disaster or emergency preparedness and management committees
  - Participate in Rapid Risk Response training
  - Conduct self-assessment on the surveillance and response activities
  - Monitor and evaluate programme targets and indicators for measuring quality of the surveillance system

#### District, Province

- **Identify**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct self-assessment of potential hazards
  - Support and conduct health facility-based surveillance
  - Develop and manage contingency plans
  - Provide support to Rapid Response teams

- **Report**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance
  - Develop and manage contingency plans
  - Organize and support Rapid Response teams
  - Document response activities

- **Analyze and Interpret**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance
  - Develop and manage contingency plans

- **Investigate and Confirm**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance

- **Respond**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance

- **Communicate (Feedback)**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance

- **Evaluate**
  - Participate in disaster or emergency preparedness and management committees
  - Conduct training and simulation exercises for staff
  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance

#### National WHO Representative, WHO Regional Office

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- **Investigate and Confirm**
  - IDSR and IHR indicators
  - IDSR and IHR data
  - IDSR and IHR indicator
  - IDSR and IHR indicators
  - IDSR and IHR indicators

- **Respond**
  - IDSR and IHR indicators
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  - IDSR and IHR indicators
  - IDSR and IHR indicators

- **Communicate (Feedback)**
  - IDSR and IHR indicators
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  - IDSR and IHR indicators
  - IDSR and IHR indicators

- **Evaluate**
  - IDSR and IHR indicators
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#### WHO, Regional Office

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  - Participate in disaster or emergency preparedness and management committees
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  - Conduct risk mapping of potential hazards
  - Support and conduct health facility-based surveillance
  - Develop and manage contingency plans
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