### Information systems and data standards

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| 40 | The PHEOC has the capability to receive, analyse, display, report and share reports of reportable and unusual diseases and health conditions from:  
- public and private sector healthcare providers and facilities  
- sub-national offices and units  
- veterinary and animal health sources  
- points of entry  
- NGOs  
- Other national governments and international agencies  
- Other arms and branches of government and Community based sources |
| 41 | The PHEOC has the capability to collect, process and share field epidemiological and other investigational data (including (i) receiving, aggregating and analyzing field data, and (ii) visualization of epidemiological information and timely preparation of reports in standardized format for decision making and sharing with partners) |
| 42 | The PHEOC is linked to a national surveillance information structure for monitoring and responding to priority risks. |
| 43 | The PHEOC has the capability to:  
- receive and share public health laboratory data related to outbreaks and events  
- receive, produce and share integrated surveillance information containing epidemiological findings and laboratory results at individual and aggregated levels  
- provide data analytic support for other events of public health interest (eg: mass gatherings)  
- produce geospatial information such as maps and other visualizations from common operational datasets  
- ascertain the status and report key external partner/resource information such as hospital bed availability, treatment centres, laboratories etc.  
- monitor the status and needs of deployed field teams and other responder personnel including assisting international support and NGOs  
- display contextual operational information such as population distribution, administrative and political boundaries, transportation infrastructure, hydrology and elevations |
| 44 | The PHEOC datasets include identification of information necessary to develop a common operational picture for priority risks |
| 45 | The PHEOC can access, display and track status information regarding affected persons and vulnerable populations |
| 46 | The PHEOC has the capability to monitor and account for all resources utilized in a response |
| 47 | The PHEOC has the capability to track and display the status of tasks and objectives |
| 48 | Staff filling IMS functional roles are trained to use relevant software |
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