

HIS Assessment Survey

Photocopy this sheet and complete the form for each health information system or strengthening activity found. Append the completed form to the appropriate business domain section.

Country:		Date:	
Organization:			
Surveyor(s):			
Mobile:			
E-mail:			
Business Domain:			
System/Activity:			
Scope:		Date:	
Brief Description:			
Technology/Software:			
Status:			
Lead Organization(s):			
System Contact Name:			
Mobile:			
E-mail:			
Supporting Donors:			
Is HRH data collected, stored or used by this system?	Yes	or	No
If yes, what type of HRH data?			
What would be the benefit of linking this system to an HRIS?			

Business Domain:	Health Services
<p>The Health Services domain covers systems directly involved in or informing health service delivery. Use the following as examples to discover systems and activities in this domain. Start with the Ministry of Health's HMIS group, if one exists, and any health worker associations for leads. The Regenstrief Institute's OpenMRS project, the University of Washington's School of Public Health, the CDC and John Snow Inc. are organizations with a history of strengthening health service delivery information systems. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • Individual health record (look for pilot implementations in specific facilities) • Disease surveillance and service statistics (such as HMIS) • Vital Statistics registration (births/deaths) • Hospital information system. <p>Common software used might include:</p> <ul style="list-style-type: none"> • District Health Information System (www.hisp.info) • OpenMRS (www.openmrs.org) • Care2x (www.care2x.org) • Microsoft Excel or Access custom systems. <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • Establishment of standard classifications for diseases, symptoms and procedures • Facility infrastructure strengthening (including use of cell phones for reporting and access) • Health worker information and communication technology (ICT) training. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.

Business Domain:	Laboratory
<p>The Laboratory domain covers information related to laboratory analyses and findings. This domain is at an emergent stage in many countries, so there may not be any laboratory information management systems (LIMS) or LIMS strengthening activities. Start with the Ministry of Health or any Allied Health Professions regulatory council. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • Specimen registration and tracking LIMS • Determination of results (look for pilot implementations at specific labs) • Notification of reportable diseases. <p>Common software used might include:</p> <ul style="list-style-type: none"> • Open Electronic Library Information System (www.openelis.com) • Microsoft Excel or Access custom systems. <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • Establishment of standard classifications for laboratory data • Laboratory infrastructure strengthening • Laboratory technician information and communication technology (ICT) training. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.

Business Domain:	Pharmaceutical
<p>The Pharmaceutical domain tracks and manages all drugs and supplies for the health system and their pharmacies. Start with the Ministry of Health and the Pharmacist Council, if they exist. NGOs with a history of pharmaceutical information strengthening include MSH's RPM+ project and the SCMS project. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • Central stock registration and tracking • Facility stock registration and tracking • Supply chain and distribution. <p>Common software used might include:</p> <ul style="list-style-type: none"> • mSupply (www.msupply.org.nz) • Orion@MSH (http://www.msh.org/seam/3.3.2.2.htm) • Microsoft Excel or Access custom systems. <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • Establishment of standard classifications for pharmaceutical data • Pharmacy infrastructure strengthening • Pharmacist information and communication technology (ICT) training. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.

Business Domain:	Human Resources for Health
<p>The HRH domain covers all health workers from pre-service training until exiting the health workforce. Start with the Ministry of Health's HR department and professional regulatory councils. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • Health worker management systems • Health worker qualification, licensure and certification systems • Training information systems • Workforce planning systems. <p>Common software used might include:</p> <ul style="list-style-type: none"> • iHRIS Suite (www.capacityproject.org/hris) • TIMS (http://www.jhpiego.jhu.edu/whatwedo/comps/tims.htm) • I-Tech's TrainSmart (http://www.go2itech.org/itech?page=home-00-00) • Microsoft Excel or Access custom systems. <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • Establishment of standard job classifications or adherence to ISCO (International Standard Classification of Occupations) codes • Ministry or district infrastructure strengthening • HRH professional information and communication technology (ICT) training. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.

Business Domain:	Environmental Monitoring
<p>Environmental Monitoring systems track information about factors in the environment that affect health. In many developing countries, environmental monitoring systems are an emergent area of development. Start with any environmental health program at the Ministry of Health, any environmental regulatory body or environmental research teams at local or regional universities. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • Water quality and access mapping • Sanitation resources and access • Event reporting systems. <p>Common software used might include:</p> <ul style="list-style-type: none"> • Environment geographic information systems (GIS) • Microsoft Excel or Access custom systems. <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • GIS and ICT training in conjunction with environment projects. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.

Business Domain:	Capacity Building and Communication
<p>This catch-all category refers to the use of informatics tools for skill building in support of health-service delivery, including health, ICT and other areas. This category also includes the use of ICT to support the health system by communicating health information or bringing advance skills to remote locations. Start with the Ministry of Health, especially any HRH Training and Development group, as well as local training institutions. (Make a copy of the template for each system found.)</p> <p>Example systems might include:</p> <ul style="list-style-type: none"> • E-learning (either online or through CD/DVDs and local repositories) • Just-in-time (JIT) learning or protocol standardization through PDAs • Telemedicine • Mobile phone referral support or emergency reporting. <p>Common software used might include:</p> <ul style="list-style-type: none"> • Moodle (www.moodle.org) • MSH's Virtual Leadership Development Program (http://www.msh.org/projects/lms/ProgramsAndTools/LeadingAndManaging/VLDP.cfm) • eGranary (http://www.widernet.org/digitallibrary/) <p>Common strengthening activities might include:</p> <ul style="list-style-type: none"> • Pilots or scaling up any of the above • Informatics training for health workers • Information and communication technology (ICT) strengthening for health training institutions. 	

Append a completed HIS Assessment Survey form for each system or strengthening activity found in this business domain to this sheet.