

UKHSA Advisory Board

Title of paper UKHSA global health activities and strategy update
Date 8 July 2025
Sponsor Susan Hopkins, Chief Medical Advisor
Presenter Diana Randall, Deputy Director, Global Health Strategy and Engagement

1. Purpose of the paper

- 1.1. The purpose of the paper is to provide a progress update on delivery of activities under UKHSA's Global Strategy (2023 to 2026). The paper also provides an update on work intended to help shape and support senior decision-making on priorities and ambitions for UKHSA's global activity and engagement beyond 2025.

2. Recommendations

- 2.1. The Advisory Board is asked to:
- a) **NOTE** the progress update regarding UKHSA's global activities; and
 - b) **COMMENT** on proposed priorities for UKHSA's global strategic approach.

3. Background

- 3.1. UKHSA's Global Strategy sets out our approach to global health (2023 to 2026) and is underpinned by three strategic priorities: Pandemic Preparedness, Prevention, and Response; Global Surveillance; and Health Systems Strengthening. The Advisory Board received a progress update on delivery of activities under each of these priorities in September 2024 (paper ref: AB/24/029 (C)).
- 3.2. Since the last update, there has been significant change across UKHSA, government, geopolitics and global health. These changes, provide an opportune moment to re-assess UKHSA's approach to global health and determine our long-term priorities and ambitions for our global activity.

4. Progress update on delivery of UKHSA's global strategic priorities

- 4.1. The summary below provides a high-level update on progress under each of the strategic priorities of the UKHSA Global Strategy as of June 2025.

5. Pandemic Prevention, Preparedness and Response (PPPR)

- 5.1. UKHSA has continued to actively contribute to global PPPR initiatives. The Department of Health and Social Care (DHSC) Official Development Assistance (ODA)-funded UK-Public Health Rapid Support Team (UK-PHRST) has continued to deploy expertise to outbreaks of infectious disease in low-and middle-income countries. This has included the deployment of 17 experts to 8 different countries/outbreaks in 24/25 and 7 experts to 3 outbreaks in 25/26 Q1. These included tackling cholera in South Sudan; mpox in Democratic Republic of the Congo (DRC), South Africa and Kenya; and Marburg Haemorrhagic Fever in Rwanda and Tanzania. UK-PHRST also completed 100 capacity strengthening activities (ranging

from input to workshops and advisory groups, to full simulation exercises and trainings) and 12 active research projects during this time. Full details of all UK-PHRST activity are at **Annex A**.

- 5.2. UKHSA provided technical expertise to the DHSC and FCDO team negotiating the World Health Organization (WHO) Pandemic Agreement, which was adopted during the World Health Assembly in May 2025 and will serve to boost global collaboration to ensure stronger, more equitable response to future pandemics.
- 5.3. From April 2024 to May 2025, the Chief Executive served as the elected chair of the Steering Group of the WHO Pan-European Network for Disease Control (NDC) (and interim chair from September 2023), supporting the strategic direction of the network, which aims to strengthen Europe's capacity to respond effectively to public health threats. UKHSA experts are core members of the NDC Collaborative Surveillance working group which aims to develop a flexible business case for increased investment in Collaborative Surveillance at national level.

6. Global Surveillance

- 6.1. UKHSA continues to support the implementation of global surveillance initiatives, actively contributing through the WHO Hub for Pandemic and Epidemic Intelligence, as well as the International Pathogen Surveillance Network (IPSN). This has included expert contribution to the WHO Genomics Costing Tool and the review panel to finalise the IPSN Genomics Country Capacity Framework.
- 6.2. UKHSA maintains strategic relationships which allow data, analytical capabilities and insights to flow. We met regularly through 2024/25 with a group of Public Health Institutes from the United States, Australia, Canada, and New Zealand to share best practice, analytical techniques and insights on data sharing between sub-governments and digitalisation of public health, including use of Artificial Intelligence.
- 6.3. In early 2025, UKHSA signed a Data Sharing Agreement (DSA) with the European Centre for Disease Prevention and Control (ECDC), allowing greater access for UKHSA to the European surveillance portal for infectious diseases (EpiPulse), operated by ECDC. The UK was the first country with third party status to sign a DSA with ECDC. A recent example of benefit from this access has been sharing with European partners on EpiPulse about evolving clusters of disease in travellers.
- 6.4. Ongoing support through the International Health Regulations Strengthening Project (IHR-SP) has enabled Pakistan to build an Integrated Disease Surveillance and Response system that is now in large part staffed and funded domestically. IHR-SP support has resulted in 11,350 healthcare workers trained, 2,300+ alert signals generated in 2024, and 108 confirmed outbreaks identified and responded to.

7. Health Systems Strengthening

- 7.1. The DHSC ODA-funded IHR-SP has continued to work with teams based in Ethiopia, Pakistan, Nigeria, Zambia and Indonesia, as well as through regional collaboration with Africa CDC, the Eastern Mediterranean Public Health Network and Association of Southeast Asian Nations (ASEAN) Health Cluster 2 in the Indo-Pacific region. In 2024-25, this has included training approximately 3000 public health professionals in emergency preparedness, multisector coordination on chemical incident responses, public health leadership, introducing first ever diagnostic testing for mpox and diphtheria, supporting national guidelines development and pivoting existing surveillance tools to manage health impacts of climate change (floods/smogs). The

teams have also helped in-country partners to successfully bid into the Pandemic Fund. Separately, a UKHSA staff member is also seconded to support the Africa CDC Director General's office.

- 7.2. The UK Overseas Territories (UKOTs) Health Security Programme has continued to strengthen health systems and improve capacity in the OTs. It has delivered a Caribbean-wide multi-day vector borne diseases workshop, provided expert technical support in incident response, and delivered capacity building activities including a cholera Simulation Exercise in the Turks and Caicos Islands, a HPV prevalence study in Montserrat, and a COVID-19 After-Action Review in St Helena.
- 7.3. In November 2024, the Caribbean Antimicrobial Resistance Alliance (CARA) project was launched, funded by the Fleming Fund, and led by UKHSA, in partnership with the Caribbean Public Health Agency (CARPHA). The project works across the Caribbean to strengthen the regional response to AMR through laboratory systems and AMR surveillance strengthening and capacity building. Since the project launch, approximately £2million laboratory equipment has been procured for CARPHA's Caribbean regional reference laboratories in St Lucia, Jamaica and Trinidad, several multi-week staff deployments between CARPHA and UKHSA have taken place to enable technical training, and UKHSA has been awarded further funding for up to two years to cover capacity strengthening activities.
- 7.4. UKHSA has also continued to support WHO by hosting WHO Collaborating Centres (WHO CCs). In 2024/25, UKHSA established Collaborative Open Research Consortia on two viral families, Arenavirus and Bunyavirales, and has hosted global expert meetings to progress a research and development roadmap for Oropouche virus. Through the WHO CCs we have also participated in country Joint External Evaluations (JEE), supported the development of National Action Plans, and provided expert advice on mass gatherings to Santé Publique France for the Paris 2024 Olympic and Paralympic Games. The agency also hosts eight WHO Affiliated Laboratories. A full list of the UKHSA-hosted CCs and Laboratories is at **Annex B**.
- 7.5. Our experts in the chemical, biological, radiological and nuclear (CBRN) fields continue to provide significant technical expertise to international initiatives, including co-chairing the Environment and Health Task Force Bureau of the WHO Europe Environment and Health Process (EHP), where we have established and lead a partnership on poison centres in the WHO Europe region.
- 7.6. Over the past year, UKHSA has continued to develop and strengthen new and existing partnerships enabling collaboration, knowledge exchange, and information sharing on priority topics. This included signing a new Memorandum of Understanding with the Singapore Communicable Diseases Agency in late 2024.
- 8. Determining UKHSA's longer term strategic global approach**
- 8.1. With the end of UKHSA's current Global Strategy in 2026, work is ongoing to consider priorities for our longer term strategic global approach and engagement beyond 2025.
- 8.2. A workshop was held in early June 2025 and Executive Committee members invited to consider different strategic lenses which UKHSA could prioritise for our global work, also considering global megatrends and the broader context, including the reduction in UK Official Development Assistance (ODA) funding.

- 8.3. The lenses proposed for consideration were not exhaustive but each proposed different partners and geographic regions of priority focus. The health threats lens proposed focusing on where the greatest health threats exist and are emerging. The growth lens proposed focusing on countries/regions identified as potential partners for income generation opportunities. The One HMG lens proposed focusing efforts on partnerships that contribute to cross-government and foreign policy priorities.
- 8.4. The Executive Committee noted that all lenses were important parts of UKHSA's global work, but the agency's expertise and capabilities to detect, prevent, and respond to health threats to the UK and globally should guide our strategic approach.
- 8.5. Executive Committee members were also invited to consider whether a refreshed global strategy for the agency was needed when the current one runs its term in 2026. It was agreed that global work and ambition was a core part of UKHSA's remit and a cross-cutting theme and should instead be embedded more visibly in the development of the 2026-2029 UKHSA strategic plan.
- 8.6. It should also be acknowledged that there are multiple interdependencies, including ongoing consideration and development by FCDO, DHSC, and others of the wider cross-HMG approach to global health, as well as the impact of ODA reductions, both from the UK and other global actors. These developments, and government decisions around prioritisation of key issues and funding, are inextricably linked to UKHSA's ability to work globally and where, how, and with whom we do activity globally.
- 8.7. Noting the interdependencies, to support shaping UKHSA's strategic approach, Advisory Board members are invited to share their views on the following questions:
- a) Are there other areas (outside the health threats lens) the agency should be focussed on developing in our global activity?**
 - b) How can we best integrate global as a cross-cutting theme across all work areas in the development of our next UKHSA strategic plan?**
 - c) How can UKHSA enable domestic health security and economic growth through its global relationships?**
- 9. Next steps**
- 9.1. Based on the outcomes of the Advisory Board consideration, the UKHSA Global Strategy team will work with relevant teams across the agency to further develop UKHSA's strategic global approach and use the internal Global Coordination Board as the governance mechanism to progress consultation, development, and implementation with Executive Committee members.
- 9.2. The Global Strategy team will also work with the UKHSA Strategy team and DHSC and FCDO stakeholders to consider interdependencies and implications for the next UKHSA strategic plan and wider cross-HMG approach to global health. A global update will be provided to the Advisory Board later this year (currently scheduled for November 2025).

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Head of Global Strategy and Global Strategy Advisor

June 2025



Annex A: UK Public Health Rapid Support Team (UK-PHRST) activity

Deployments, Q1 Yr 10 (FY25/26):

<u>Destination</u>	<u>Disease</u>	<u>Mechanism</u>	<u>Personnel</u>
1. South Sudan <i>Live (as at 18/06)</i>	Cholera	GOARN to WHO Country office	1x Epidemiologist
2. Africa Continental IMST <i>Live as at 18/06 (1x IPC 1x Epi)</i>	Mpox	Bilateral to Africa-CDC	2x Epidemiologist (1 core team, 1 FETP) 2x IPC advisors
3. DRC	Mpox	GOARN to WHO Country office	1x Epidemiologist (FETP) 1x Data Scientist/Modeller

Deployments in Yr 9 (FY24/25):

Running total	Country	Disease	Date out	Personnel	Description
41	South Sudan	Multiple outbreaks	Aug-24	2x Epidemiologist	GOARN Deployment for South Sudan for RFA linked to multiple outbreaks stemming from conflict in Sudan
42	South Africa	Mpox Clade II	Aug-24	1x Epidemiologist 1x PH SpR 2x RCCE Advisor	NICD Bilateral request for assistance to support with Mpox Clade II response. Multi-disciplinary deployment based out of Johannesburg.

43	Africa Continental IMST (DRC)	Mpox Clade Ib	Sep-24	2x Epidemiologist (1 core, 1 FETP) 1x IPC Advisor	Bilateral Deployment to Africa-CDC for joint (AFRO/A- CDC) Continental level Mpox IMST
44	Rwanda	Marburg Virus	Oct-24	1x RCCE Advisor 1x Social Science 1 IPC Advisor	GOARN - Marburg virus
45	Kenya	Mpox	Nov-24	1x IPC (reservist)	GOARN - WHO - Mpox - IPC
46	South Sudan	Cholera	Nov-24	1x Epidemiologist as Health Co-ordinator	GOARN - UNICEF - Cholera
47	Tanzania	MVD	Feb-25	1x IPC advisor	MSF - Marburg
48	Africa Continental IMST (DRC)	Mpox Clade Ib	Mar-25	1x Data Modeller/Data Scientist	Bilateral Deployment to Africa-CDC for joint (AFRO/A- CDC) Continental level Mpox IMST

Capacity Strengthening activities in Yr 9 (FY24/25):

Month	Activity	Country of delivery
April	RCCE cross border workshop	Kenya
April	Mpx Collaboration - Field Team Training (second site)	Nigeria
May	Implementing the MHPSS Minimum Service Package for infectious disease outbreaks in Uganda	Uganda
June	Phase 1 RQA training for Malawi, Zambia and Zimbabwe	Zimbabwe
June	RST Deployment Training	UK
June	Somaliland MoHD Epidemiological Outbreak Training	Online/Somaliland
April	Rapid Assessment and Survey Methods (RAS) Module 2024	Ireland
April	WHO EPI-WIN webinar on our Community Protection Ghana TTX	Online
April	Technical working group for the continental cross-border surveillance and information sharing framework for Africa	Uganda
April	International expert meeting to finalize the modified health care-associated infection surveillance definitions for low-resource settings	Germany
April	GOARN SCOM	Rwanda
April	Contribution to the development of IDS' evidence review on the role of social and behavioural sciences in emergencies and crises (Nadine and Sophie)	Desk based
April - Jun	CARPHA FELTP Mentoring Programme	Online/Trinidad
April-Jun	Design of Community First Responder Training and Training of Trainers	Desk-based
April-Jun	Contribution to AVoHC Facilitator Guide and design of Facilitator Training	Desk-based
April-Jun	Health Diplomacy in outbreaks, epidemics & pandemics – African perspective evidence-based curriculum & course structure	Desk-based
May	Contribution as mentor/facilitator to GOARN tier 3 training, Amman, Jordan	Jordan
May	RaViG research project - technology transfer and training	Kenya

May	WHE Pandemic Remote Learning Exchange on learning dissemination during pandemic and epidemic events	Online/Geneva
June	Scoping for Health Leadership in Complex Crises	Desk based
June	Needs analysis for Developing Data Literacy Core Capacities to improve Respiratory Virus Surveillance in the Americas, PAHO (Natalie)	Desk based
June	Contribution to Outbreak Response Training Pathway - UK MED	Online
June - Dec	Desk-based research gap analysis and priority setting exercise for GOARN on research during outbreaks	Desk based
June	Use of community feedback data for monitoring and evaluation in humanitarian health programmes for the LSHTM's MSc in public health in humanitarian crises (Sophie)	Online
June	Contribution to the Pandemics Course (Hilary and module on RCCE by Sophie)	Online
June	Providing support in Writing the Community Trust Index Implementation Guide (with IFRC)	Desk based
June	Mpx - qPCR testing and training with NCDC/NVRI	Nigeria
July	Global Meeting of the GOARN Strategic Group for Surge Diagnostic Capacities (SG-SDC)	Germany
July	AVoHC Workshop – Design of Facilitators Manual and Training	Online/Nigeria
July	High Consequence Infectious Diseases PPE Training	UK
July	Technical working group on the Continental framework for cross-border surveillance in Africa	Ethiopia
July	RaViG research project - stakeholder workshop	Kenya
August	Phase 2 RQA training and cholera learning event for Zambia and Zimbabwe	Zambia
August	Global IPC Network Meeting	Geneva
August	RESPIRE One-health Nipah SimEx Sri-Lanka	Sri-Lanka

September	UK Med Simex	UK
September	EMPHNET 8th Annual Conference	Jordan
September	MHPSS Uganda Study - Bundibugyo workshop 2-3rd Sep 24	Uganda
September	MHPSS Regional Workshop Namibia	Online/Namibia
August	AVoHC Facilitator Training - Training of Trainers	Ethiopia
Jul-Sep	Design of Community First Responder Training and Training of Trainers	Desk-based
September	Creation of training package in collaboration with WHO HEPR to support Member States on community detection, early warning, home care and coordination for Mpox response.	Desk-based
Aug-Sep	Design of Community Protection One Health Ebola TTX for Uganda	Desk-based
Jul-Sep	Scoping and Key Informant Interviews for Health Leadership in Complex Crises	Desk-based
Jul-Sep	Design of Women in Leadership in Outbreak Response programme for Somaliland Ministry of Health Development	Desk-based
September	Review of NICD produced clinical guidance documents and training materials relating to Mpox	South Africa
September	Design and deliver 6 training sessions on Mpox to clinicians, paramedics, pharmacists and Border Management Authority staff in Western Cape and Kwa Zulu Natal, South Africa	South Africa
September	Trained epidemiologists on outbreak maps	South Africa
September	1-day training on Mpox and RQA for South Africa NICD and local NGO staff involved in the Mpox response	South Africa

October	AVoHC Document Review Workshop	Online/Zambia
October	Africa CDC Operational Research Validation Workshop	Ethiopia
Oct - Dec	Health diplomacy for Global Ops	Online
November	Implementing the MHPSS Minimum Service Package for infectious disease outbreaks in Bundibugyo, Uganda. Activity 2; Adaptation workshop of MHPSS Orientation Materials and awareness messages – meeting with experts	Uganda
November	Implementing the MHPSS Minimum Service Package for infectious disease outbreaks in Bundibugyo, Uganda. Activity 3; Orientation Workshop for frontline workers including community health workers.	Uganda
November	Implementing the MHPSS Minimum Service Package for infectious disease outbreaks in Bundibugyo, Uganda. Activity 4; mhGAP Training workshop for 50 HCWs.	Uganda
November-April	Women in leadership in outbreak response online workshops	Online/Somaliiland
December	Integrating mental health and psychosocial support into Africa CDC's African Volunteers Health Corps (AVoHC)	Tanzania
October	Response Recovery Module at ICAN conference	South Africa
October	Reflection and learning session: WHO Regional Emergency Preparedness Response Hub for Eastern and Southern Africa	Online
Oct - Nov	Technical support to Kinshasa IMT	Online
Oct - Dec	Scoping and Key Informant Interviews for Health Leadership in Complex Crises	Online
Oct - Dec	Training package with WHO HEPR for community detection, early warning, home care and coordination for Mpox response. Pilot delivery by WHO HEPR in DRC.	Remote
Oct - Dec	Finalised design of Community Protection One Health Ebola TTX for Uganda with WHO & MoH Uganda for delivery in Jan 2025	Remote
November	Technical discussion session focussing on effective and safe set up of Oral Rehydration Points in PHCU/Cs and public areas	South Sudan
November	Attendance at the ASTMH Annual Meeting and Conference	USA

November	IASC MHPSS Annual Meeting	Bulgaria
November	Panelist at European Scientific Conference on Applied Infectious Disease Epidemiology	Sweden
November	6th EMT Global Partners Meeting	UAE
November	WHO EPI WIN Webinar - engaging communities in outbreak preparedness	Online
Nov-Dec	IPC training sessions for MPox outbreak response during deployment in DRC	DRC
Nov-Dec	Epidemiology/surveillance training sessions for MPox outbreak response during deployment in DRC	DRC
Nov-Dec	2-day RCCE training on Mpox and MVD for Rwanda Red Cross Society (RRCS) branch managers alongside IFRC	Rwanda
Nov-Dec	RCCE module for national level stakeholders (MoH/RBC, UN, NGOs and RRCS) Trainer of Trainers	Rwanda
Nov-Dec	IPC training of trainers for MVD for Marburg response during deployment in Rwanda	Rwanda
Nov-Dec	Rapid Qualitative Assessment orientation sessions for RRCS, Rwanda NGO Forum for HIV/AIDs and Health Promotion and UNICEF teams in Nyarugenge and Rusizi districts	Rwanda
Nov-Dec	1-day training to Rwanda Red Cross hotline team on qualitative community feedback mechanisms	Rwanda
Nov-Jan	Development of mpox training materials for training Health Care workers (train the trainer package) and Delivery and development of IPC training materials for Emergency Medical Team WHO EPR, deployment – Kenya IPC	Kenya
December	Technical discussion session on CATI and ORP set up logistics	South Sudan
December	IANPHI webinar jointly with WHO on The Role of NPHAs in Operationalizing Community-Centered Preparedness, Response, and Resilience for Public Health Emergencies	Online
December	Intra-action review for continental mpox response (co-hosted by Africa CDC & WHO)	Ethiopia
December	Round table presentation on "preparing for the next pandemic" at the society for Risk Analysis annual conference	USA
December	GOARN SCOM	Geneva
Jan	Surveillance systems mapping with the Somaliland MoHD	Somaliland

Jan	Spatiotemporal Risk Analyses: Applications to Infectious Diseases in Kenya	Kenya
Jan	Presentation on Rapid Gender Analysis for Red Cross Societies as part of their Gender and Health training	Online
Feb	Community Health Worker/Volunteer training for Ebola response, Uganda	Uganda
Feb	MHPSS Research Writing Skills Workshop	Ethiopia
Feb	Community Health Worker Training for Community Ethnography and Engagement	Tanzania
Feb	RQA training	Tanzania
March	PHEDE Decision Quality workshop with Africa CDC, Kenya NPHI, WHE and academic partners	UK
Feb	Coordinated and delivered IPC training sessions for VHF, developed material in Swahili and English as part of Marburg deployment – IPC, Tanzania	Tanzania
Feb-Mar	WHO Learning 4 Impact Webinars – Capacity Strengthening, Online	Online
Feb	GOARN SCOM Diagnostic Surge Capacity Meeting	Jordan
Feb	Facilitation of the Multivariable Analysis Module with RKI and ECDC – Epi, Germany	Germany
Feb-Mar	Redesigning Deployment Training for delivery to new cohort in 2025, incorporating complex crises research and peer learning approach	Desk-based
March	MHPSS Minimum Service Package for infectious disease outbreaks in Uganda TTX	Uganda
March	AVoHC Induction Roll-out 3 cohorts and launch event	Ethiopia
March	Technical input to WHE IPC unit publications: Syndromic screening for infection prevention and control measures during public health emergencies; Infection prevention and control and water, sanitation and hygiene measures during mpox vaccination activities; Infection prevention and control and water sanitation and hygiene in health facilities during mpox disease outbreaks: rapid assessment tool, user guide; Infection prevention and control and water, sanitation and hygiene measures for home care and isolation for mpox in resource-limited settings: interim operational guide	Desk-based
Jan-Mar	Somalia RCCE strategy	Desk-based

Research Projects (managed by London School of Hygiene and Tropical medicine as the Academic partner to UKHSA for UK-PHRST) active during Yr 9 (FY25/26):

NIHR Pro Ref: <input type="text"/>	Full Title <input type="text"/>	Project Lead(s) <input type="text"/>	PI's host institution <input type="text"/>	Collaborators/Partners <input type="text"/>	RST Final year <input type="text"/>	Primary Location <input type="text"/>	Short title <input type="text"/>
Active UK-PHRST Research Projects at April 30th 2025							
RST9_04	Gender and its impact on women healthcare workers' (HCW) implementation of infection prevention and control (IPC) measures in hospitals in Brazil during outbreak response.	Yang Zhao, Maria Clara Padoveze Fonseca Barbosa, Cat Makison Booth	LSHTM/University of São Paulo, Brazil/UKHSA	University of São Paulo/Federal University of Pelotas, Brazil	Y9	London/Brazil	Gender IPC
RST9_03	One Health approach to early warning and detection of Marburg virus & other filoviruses in west Africa (Phase 2 on PROJECT 6 in Research Plan)	Miles W Carroll, University of Oxford, United Kingdom Joseph Akoi Bore, CRAM Guinea Stephen Kennedy, Moravia, Liberia (Phase II)	Oxford, CRAM Guinea	Oxford, NUS, CRAM Guinea, CEFORPAG Guinea, National Viral Haemorrhagic Fever Reference Laboratory Guinea, University of Liberia	Y9	Guinea/Liberia	
RST9_02	Toolbox approach for rapid development of methods for detection and surveillance of new, emerging, and re-emerging viruses [V-TARDIS]	Sonal Shah (LSHTM, UK), Abdul Sesay (LSHTM, Gambia), Joseph Akoi BORE (CRAM, Guinea), Cristina Leggio (UKHSA, UK)	LSHTM, MRC Gambia, CRAM, UKHSA	CRAM Guinea, LSTM	Y9	UK/Guinea	V-Tardis
RST9_01	A participatory study to identify gaps and solutions to zoonotic disease detection and reporting: a case study of Rift Valley Fever in Kalunga District, Uganda	LSHTM UK-PHRST – Nadine Beckmann MRC/UVRI & LSHTM Uganda Research Unit – Dr Nambusi Kyegombe	MRC Uganda		Y9	Uganda	RVF Social Science
RST8_03	Implementing the MHPSS Minimum Service Package for infectious disease outbreaks in Uganda – an evaluation study	Julian Eaton /Catherine Abbo	DHSC	Makerere University	Y8	Uganda	MHPSS evaluation study
RST8_02	Rapid virus genomics for outbreak investigation (RaViG) - proof of principle in Coastal Kenya	George Githinji, Charles Agoti, Wangeci Kagucia, Gwenda Hughes	KEMRI-Wellcome Trust Research Programme, Kilifi, Kenya /LSHTM	KEMRI-Wellcome Trust Research Programme, Kilifi, Kenya	Y8	Kenya	Rapid virus genomics for outbreak investigation (RaViG)
RST8_01	Epidemiological and clinical investigation of Mpox in Nigeria: A multi-disciplinary research project to inform case management and outbreak prevention and control.	Chinwe Ochu/Gwenda Hughes	NCDC/LSHTM	Nigeria CDC, National Veterinary Research Institute (NVRI), Niger Delta University Teaching Hospital, University of Oxford	Y8	Nigeria	Mpx collaboration
RST7_03	Impact of international public health deployments on national outbreak preparedness and response in ODA-eligible countries	Femi Nzegwu/Merawi Aragaw	LSHTM/Africa CDC	Africa CDC	Y7	Ethiopia	Deployments impact
RST7_02	Effectiveness of early warning systems involving local community leaders for early detection of health-related events indicative of outbreaks: a pilot in Cape Verde and Brazil	Jonas Brant/Gwenda Hughes	Brazilian Association of Field Epidemiology Professionals (ProEpi)	ProEpi, Brasília University, Cape Verde National Institute of Public Health (NIPH) - Cabo Verde Instituto Nacional de Saúde Pública - INSP, Federal University of Ceará	Y7	Brazil and Cape Verde	Event-based surveillance (EBS) study: Cape Verde and Brazil
RST6_05	Integrating Social Science into Africa CDC's Public Health Operations	Nadine Beckmann, Shingai Machingaidze	LSHTM, Africa CDC	Africa CDC	Y6	Ethiopia	Africa CDC Social Science operations study
RST3_01_r2	How can we improve case management of Lassa Fever? A prospective study of cardiovascular function and ribavirin pharmacokinetics and pharmacodynamics, UK-PHRST/University of Oxford	Alex Salam	Oxford	ALUMA, PHE/UKHSA	Y4-9	Nigeria	Lassa Clinical Study

Annex B: UKHSA hosted WHO Collaborating Centres and WHO Affiliated Laboratories

UKHSA hosted WHO Collaborating Centres

1. WHO Collaborating Centre for Global Health Security
2. WHO Collaborating Centre for Applied Biosafety and Training
3. WHO Collaborating Centre for the Public Health Management of Chemical Exposures
4. WHO Collaborating Centre for Virus Reference & Research (Special Pathogens)
5. WHO Collaborating Centre for Haemophilus influenzae and Streptococcus pneumoniae
6. WHO Collaborating Centre for Reference and Research on Diphtheria and Streptococcal Infections
7. WHO Collaborating Centre for Reference & Research on Antimicrobial Resistance and Healthcare Associated Infections
8. WHO Collaborating Centre for Radiation Protection
9. WHO Collaborating Centre for Research in Pandemics and Epidemics

UKHSA hosted WHO Affiliated Laboratories

1. WHO National Influenza Centre
2. WHO National Polio Laboratory
3. WHO Mers CoV Reference Laboratory
4. WHO RSV Reference Laboratory
5. WHO Prequalification Evaluating Laboratory
6. WHO Global Specialised HIV Drug Resistance Laboratory
7. WHO Measles Reference Laboratory
8. WHO expert reference laboratory for COVID-19