

Press release: UK Public Health Rapid Support Team deploys to Nigeria

The UK Public Health Rapid Support Team (UK-PHRST), a joint run effort of Public Health England and the London School of Hygiene & Tropical Medicine, is deploying to Nigeria to help control an outbreak of Lassa fever.

Nigeria is currently experiencing an unusually severe epidemic of Lassa fever – a viral haemorrhagic illness that is normally present in the country but on a lower scale. The outbreak is most prevalent in the southern Nigerian states of Edo, Ondo and Ebonyi.

Given the size of the current outbreak and the risk of further spread locally, the government of Nigeria has requested support from the UK-PHRST team.

The UK-PHRST team deployment includes an expert in patient management, 2 epidemiologists (experts in tracking outbreaks) and a logistician.

The UK-PHRST will provide technical and analytical support for the public health response to control this outbreak, and will also assist with important research on Lassa fever that can provide insight for controlling the disease in the future.

The team will be working alongside the Nigerian Centre for Disease Control, the World Health Organisation (WHO), and other experts in outbreak control to support the Nigerian government's response.

Professor Daniel Bausch, Director of the UK-PHRST said:

The Lassa fever situation in Nigeria has been worsening and now requires an escalated level of response in order to help the Nigerian government slow transmission and save lives.

We are proud to be assisting the government of Nigeria by offering specialist support that will benefit the country both in the immediate and long term.

Public Health Minister Steve Brine MP, said:

Viruses like Lassa fever do not respect borders – and it is only right that we share our expertise with countries facing serious outbreaks around the world.

Our invaluable Rapid Support Team will provide help on the ground in Nigeria to manage the spread of the virus, and grow the country's ability to protect itself from other dangerous diseases.

Humans usually become infected with Lassa virus from exposure to urine or faeces of infected rodents that are unique to Africa. The virus may also be spread between humans through direct contact with the blood, urine, faeces, or other bodily secretions of an infected person, though this tends to be less common. Typical symptoms include fever, sore throat, headache, abdominal pain and diarrhoea, with bleeding and shock in severe cases. The public health risk to the UK is low.

The UK-PHRST is funded by the UK government. It continually monitors infectious diseases and other hazards globally, identifying situations where the deployment of specialist expertise could prevent these threats from turning into a global outbreak. It also conducts outbreak-related research and focuses on building in-country capacity to prevent outbreaks with overseas partners.

Background

For latest case numbers of Lassa fever in Nigeria, please refer to the [Nigeria Centre for Disease Control's weekly reports](#).

UK-PHRST

UK-PHRST consists of public health experts, scientists, academics and clinicians ready to respond to urgent requests from countries around the world within 48 hours to support them in preventing local disease outbreaks from becoming global epidemics.

Informed by surveillance data, the UK-PHRST deploys on behalf of UK government in response to requests from low- and middle-income countries, as well as with the WHO and the Global Outbreak Alert and Response Network (GOARN).

The UK-PHRST has previously deployed members to Ethiopia (outbreak of acute watery diarrhoea), Nigeria (meningitis outbreak), Sierra Leone (water-borne disease/cholera risk), Madagascar (plague outbreak) and Bangladesh (diphtheria outbreak).

The core team consists of:

- epidemiologists (experts in tracking and understanding disease transmission)
- microbiologists (diagnosing the cause of an outbreak)
- clinical researchers (developing the best patient management practices)
- social scientists (community engagement during outbreaks)
- data scientists (managing data and modelling outbreak trajectories)
- infection prevention and control experts (advising on preventing transmission)
- logisticians

The UK-PHRST consortium of research institutions includes the University of Oxford and King's College London as academic partners.

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London School of Hygiene & Tropical Medicine

The [London School of Hygiene & Tropical Medicine](#) is a world-leading centre for research and postgraduate education in public and global health, with more than 4,000 students and 1,000 staff working in over 100 countries. The school is one of the highest-rated research institutions in the UK, is among the world's leading schools in public and global health, and was named University of the Year in the Times Higher Education Awards 2016. Our mission is to improve health and health equity in the UK and worldwide; working in partnership to achieve excellence in public and global health research, education and translation of knowledge into policy and practice.

Public Health England press office

Email

phe-pressoffice@phe.gov.uk

Telephone

020 7654 8038

Out of hours

020 8200 4400