

Department of Defense
Armed Forces Health Surveillance Branch
West Africa Ebola Surveillance Summary
(14 APR 2016)



Approved for Public Release

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DEPARTMENT OF DEFENSE (AFHSB)

West Africa Ebola Surveillance Summary #136

14 APR 2016 (next report as needed)



CASE REPORT: As of 12 APR, Guinea has reported 10 (+7) cases (8 (+5) deaths) of Ebola virus disease (EVD) in the southeast region of the country; 7 cases are reported as confirmed and 3 as probable. WHO first reported the new outbreak on 17 MAR after health officials reported three unexplained deaths in Koropora, Nzérékoré prefecture. According to WHO on 7 APR, more than 1,400 contacts have been vaccinated in Nzérékoré and Macenta. Health authorities continue to implement enhanced infection control and disease prevention measures in the affected regions. Liberia closed its border with Guinea on 22 MAR; Nzérékoré and Macenta prefectures border Liberia. According to media on 13 APR, Mali is trying to locate two women who had contact with an EVD patient in Guinea and then traveled to Mali.

On 7 APR, WHO reported that investigators have established an epidemiological link between the new EVD cases in Montserrado County, Liberia and the current flare-up of Ebola in neighboring Guinea. The wife and three young children of a man who died of EVD last month in the southern prefecture of Macenta travelled to Liberia on 21 MAR to be with family. The wife died on 31 MAR while being transported to a hospital north of Monrovia. EVD diagnosis was made from a post-mortem swab sample. Two of her sons later tested Ebola virus positive and, according to media, are responding to treatment with ZMapp. As of 7 APR, more than 100 contacts were identified and placed under observation, with response teams planning to vaccinate them. This is Liberia's third flare-up of EVD since MAY 2015, and the first case identified since 20 NOV 2015.

As of 12 APR, there have been 28,652 (+10) confirmed, suspected, and probable EVD cases (11,325 (+6) deaths) in Guinea, Sierra Leone, Liberia, Italy, Senegal, Nigeria, United Kingdom, Spain, Mali, and the United States. WHO declared Liberia Ebola transmission-free on 17 MAR 2016, starting the country's 90-day period of enhanced surveillance.

On 29 MAR, WHO declared that the Ebola situation in West Africa no longer constituted a Public Health Emergency of International Concern (PHEIC) and said that Guinea, Liberia, and Sierra Leone have the capacity to respond rapidly and effectively manage new outbreaks. The WHO Director-General said data from investigations of recent flare-ups indicate sexual transmission of the virus can occur over a year after full recovery of a male patient. WHO expects small clusters of cases will continue to occur.

WHO published interim guidance on [providing clinical care](#) to EVD survivors for the medical and psychological sequelae on 2 MAR; there are over 10,000 survivors in Guinea, Liberia and Sierra Leone. According to WHO, Ebola virus can persist at various sites in the body for many months in some people. In NOV 2015, CDC posted information on persistent medical conditions after recovery from EVD. A study by CDC researchers published in the New England Journal of Medicine (NEJM) on 17 DEC showed that eight survivors treated in the U.S. had symptoms weeks to months after recovery that ranged from mild to severe.

DoD RESPONSE: On 10 AUG, the Deputy Secretary of Defense signed a [memorandum](#) that extends, for at least one year following the 30 JUN 2015 end of Operation United Assistance (OUA), selected DoD policies and EVD-related responsibilities, including those related to health surveillance, personal protective equipment, medical treatment for deployed DoD personnel, and transport of exposed or infected DoD personnel. The USAMRIID Ebola response mission to the Liberian Institute of Biomedical Research has ended.

DIAGNOSTICS AND MEDICAL COUNTERMEASURES: Information on [vaccines, therapies, and diagnostics](#) is available from WHO.

TRAVEL ADVISORY: [No travel notices are currently in effect](#) for Guinea, Liberia, or Sierra Leone. As of 19 FEB, the United States is no longer conducting enhanced entry screening for Ebola. According to CDC, travelers from Guinea, Liberia, and Sierra Leone should self-monitor for fever or other symptoms of Ebola for 21 days after departure and should seek health care if symptoms consistent with Ebola develop.

Text updated from the previous report will be printed in red; items in (+xx) represent the change in number from the previous AFHSB summary (18 MAR 2016).

All information has been verified unless noted otherwise. Sources include the Associated Press and France Embassy in Conakry.

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Latest Available Ebola Case Counts in or Related to West Africa, 2014-2016

Country (as of date)	EVD Cases All / Lab Confirmed	Deaths All / Lab Confirmed	EVD Cases in HCW / Deaths	Contacts Being Followed
Guinea (12 APR 2016)	3,814 (+7) / 3,358 (+4)	2,544 (+5) / 2,091 (+5)	196 / 100	>1,400
Sierra Leone (17 MAR 2016)	14,124 / 8,706	3,956 / 3,589	307 / 221	0
Liberia (7 APR 2016)	10,678 (+3) / 3,163 (+3)	4,810 (+1) / NA	378 / 192	>100
Italy (20 JUL 2015)	1 / 1***	0 / 0	1 / 0***	0
United Kingdom (22 JAN 2015)	1 / 1***	0 / 0	1 / 0***	0
United States (4 DEC 2014)	4 / 4**	1 / 1	3 / 0	0
Mali (21 DEC 2014)	8 / 7	6 / 5	2 / 2	0
Nigeria (17 SEP 2014)	20 / 19	8 / 7	11 / 5	0
Senegal (20 SEP 2014)	1 / 1*	0 / 0	0 / 0	0
Spain (2 DEC 2014)	1 / 1	0 / 0	1 / 0	0
Total (12 APR 2016)	28,652 (+10) / 15,261 (+7)	11,325 (+6) / 5,690 (+5)†	900 / 520	>1,800

†Excluding Liberia / *Imported from Liberia / **1 imported from Guinea / ***Imported from Sierra Leone / NA = Not Available.

Shaded rows represent countries which have been declared Ebola transmission-free by WHO.

The total number of cases, which includes suspect, probable, and confirmed cases, is subject to change due to reclassification, retrospective investigation, consolidation of cases and laboratory data, and enhanced surveillance.

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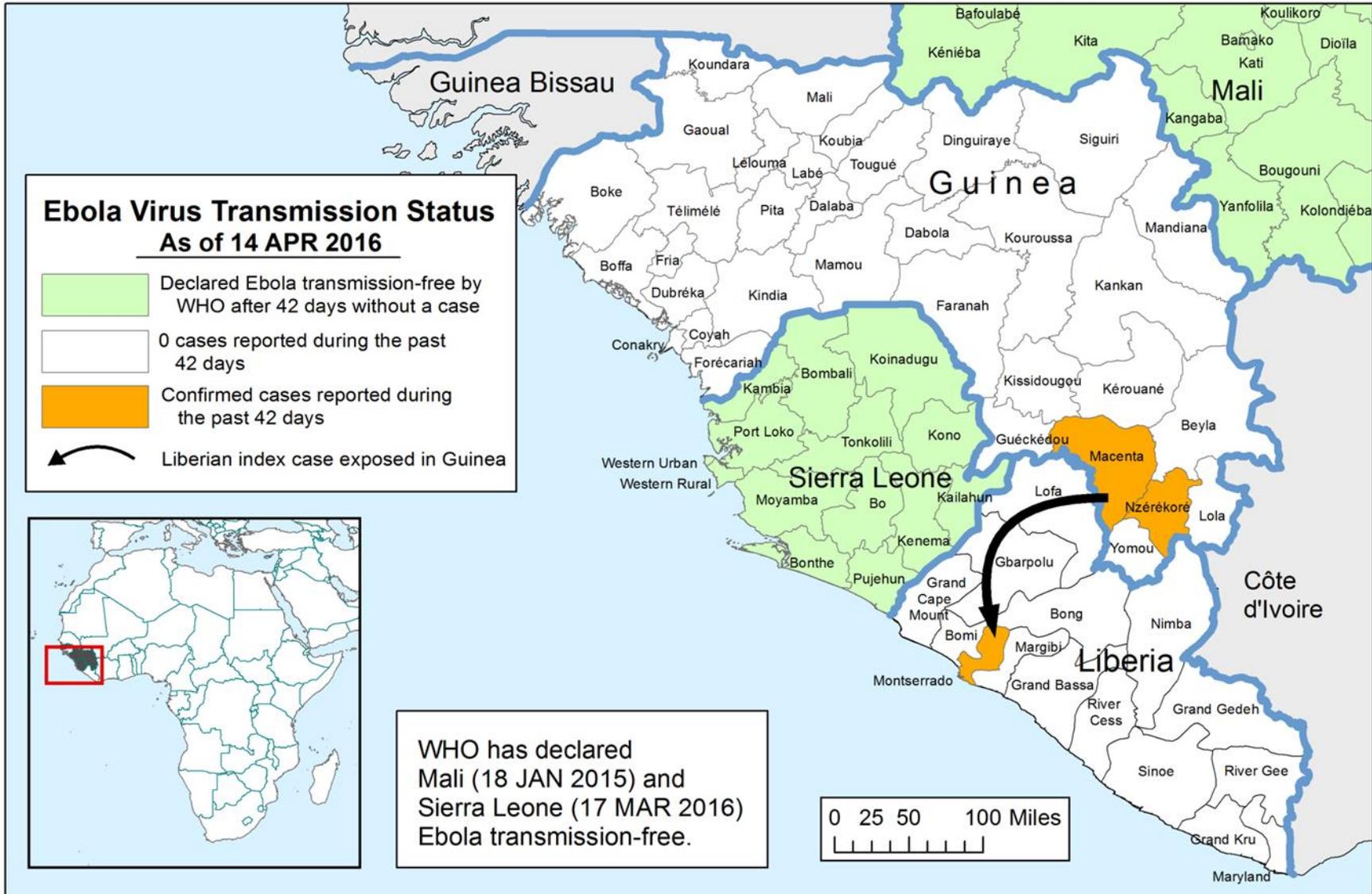
All information has been verified unless noted otherwise. Sources include WHO, CDC, and health agencies in the listed countries.



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