

Department of Defense Armed Forces Health Surveillance Center West Africa Ebola Surveillance Summary (6 AUG 2015)



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DEPARTMENT OF DEFENSE (AFHSC)

West Africa Ebola Surveillance Summary #111

6 AUG 2015 (next report 13 AUG 2015)



CASE REPORT: According to [WHO on 5 AUG](#), between 27 Jul and 2 AUG there was an increase of 2 confirmed and 114 suspected and/or probable Ebola virus disease (EVD) cases (+2 total deaths) in Guinea, and Sierra Leone. This is the lowest weekly total to have been reported since MAR 2014. The total count of 27,898 cases (11,296 deaths) includes past cases and deaths from Liberia, Italy, Senegal, Nigeria, the United States, Spain, Mali, and the United Kingdom. On 20 JUL, WHO declared Italy Ebola transmission free.

Guinea reported one new confirmed case from Conakry, down from four the previous week. Sierra Leone reported one confirmed case in Tonkolili, down from three the previous week. The Tonkolili case was a contact of last week's single Tonkolili case. With more than 600 other contacts identified, WHO is concerned that this case poses a substantial risk of further transmission.

Liberia has reported no additional cases associated with the recent re-emergence of EVD since 12 JUL. Barring additional cases, Liberia should become eligible for EVD transmission-free status on or about 4 SEP.

On 2 JUL, WHO's sixth [Emergency Committee meeting](#) on the 2014 EVD outbreak agreed that the outbreak continues to constitute a Public Health Emergency of International Concern (PHEIC) and that all previous recommendations remain in effect with some additions and emphasized the goal of zero transmission.

DoD RESPONSE: On 18 MAY, CJCS specifically said Liberia is no longer an area of widespread EVD transmission and controlled monitoring will no longer be required for personnel returning from Liberia. As of 11 JUN, the 48th Chemical, Biological, Radiological, and Nuclear Brigade [completed their mission](#) as the joint forces' headquarters element providing oversight duties in Liberia. DoD personnel continue to provide support to the Liberian Institute of Biomedical Research. Other support efforts have transitioned to USAID, NIH and CDC.

DIAGNOSTICS AND MEDICAL COUNTERMEASURES: On 3 AUG, FDA granted an [Emergency Use Authorization](#) to OraSure Technologies for the [OraQuick Ebola Rapid Antigen Test](#). Visit the WHO's [Ebola vaccines, therapies, and diagnostics](#) page for information about clinical trials and evaluations of potential vaccines, therapies, and diagnostics for Ebola virus disease. [Emergent BioSolutions](#) received a two-year, \$19.7 million task order from HHS on 20 JUL to continue developing its experimental monoclonal antibody therapy for Ebola. An interim analysis of the ring vaccination trial in Guinea suggests that the investigational rVSV-ZEBOV Ebola vaccine protects people exposed to Ebola virus.

USG AND GLOBAL RESPONSE: An [independent panel](#) reviewing the WHO's Ebola response said the health agency is incapable of adequately responding to a public health emergency and made several recommendations for change. Current information and guidance is available at the [CDC](#) and [WHO](#) Ebola web sites. [CDC published](#) a summary of the current published science about human-to-human transmission of Ebola virus on 23 JUL.

TRAVEL ADVISORY: The CDC is maintaining its [Warning - Level 3, Avoid Nonessential Travel](#) advisory for Guinea and Sierra Leone and [Warning - Level 2, Practice Enhanced Precautions](#) for Liberia despite the newly reported cases. All flights carrying travelers from these three West African nations must continue to enter the U.S. through one of five designated airports that are conducting enhanced screening for EVD (JFK, Newark Liberty, Washington Dulles, Chicago O'Hare, and Atlanta Hartsfield-Jackson). The CDC has [relaxed screening procedures](#) for passengers traveling from Liberia to the United States; for these travelers, airport temperature checks and the requirement for active monitoring were immediately discontinued. Personal health check kits (CARE kits) are still being distributed to these travelers. CDC continues to recommend that state public health departments [implement active post-arrival monitoring for 21 days](#) along with other movement restrictions based on a traveler's exposure risk category using CDC definitions; this restriction currently applies only to travelers from Sierra Leone or Guinea.

Text updated from the previous report will be printed in red; items in (+xx) represent the change in number from the previous AFHSC summary (30 JUL 2015).

All information has been verified unless noted otherwise. Sources include WHO, HHS, CDC, and health agencies in Guinea, Liberia, and Sierra Leone.

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West Africa Ebola Surveillance Summary #111

6 AUG 2015



Latest Available Ebola Case Counts in or Related to West Africa, 2014-2015

Country (as of date)	EVD Cases All / Lab Confirmed	Deaths All / Lab Confirmed	EVD Cases in HCW / Deaths	Contacts Being Followed
Guinea (2 AUG)	3,784 (-2) / 3,327 (+1)	2,522 (+2) / 2,070 (+1)	195 / 99	1,080
Sierra Leone (2 AUG)	13,406 (+116) / 8,695(+1)	3,951 / 3,585	307 / 221	811
Liberia (2 AUG)	10,672 / 3,157	4,808 / NA	378 / 192	0
Italy (20 JUL)	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 (2 AUG)	27,898 (+114) / 15,213 (+2)	11,296 (+2) / 5,668 (+1)[†]	899 / 519	1,891

[†]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 is subject to change due to reclassification, retrospective investigation, consolidation of cases and laboratory data, and enhanced surveillance.

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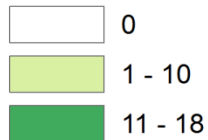
West Africa Ebola Surveillance Summary #111

6 AUG 2015



New confirmed Ebola virus disease cases by district in West Africa, during the most recently reported three-week period

New Confirmed Cases



All information has been verified unless noted otherwise. Sources include WHO, and the Guinea, Liberia, and Sierra Leone Ministries of Health.

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DEPARTMENT OF DEFENSE (AFHSC)

West Africa Ebola Surveillance Summary #111

6 AUG 2015



Additional Resources and Media Reports

Ebola Web Sites

- [WHO](#)
- [WHO \(Africa\)](#)
- [CDC](#)
- [UNMEER Sit Reps](#)
- [Liberia MOH](#)
- [Sierra Leone MOH](#)
- [Humanitarian Response \(West Africa\)](#)
Access to MOH, WHO, UN, and other reports
- [AFHSC Guidelines for Detecting and Reporting DoD Cases of Ebola Virus](#)
- [USAMRIID](#)
- [State Department Travel Site](#)
- [USAID Ebola Site](#)
- [DoD News](#)
- [DoD Operation United Assistance Web Portal](#)
- [AFRICOM Operation United Assistance Web Portal](#)

Information and News

- [Ebola Cases Fall Sharply, WHO Reports](#) (NY Times, 4 AUG)
- [Tests show VSV-ZEBOV vaccine safe and effective against Ebola](#) (News-Medical, 31 JUL)
- [Review of human-to-human transmission of Ebola virus](#) (CDC, 23 JUL)
- [HHS partners on Ebola drug](#) (The Scientist, 22 JUL)
- [Tekmira suspends work on Ebola drug, will change name](#) (Fox News, 21 JUL)
- [Re-emergence of Ebola in Liberia remains a mystery](#) (USA Today, 16 JUL)
- [Ebola: 'Fear, denial and fatigue fuelling outbreak'](#) (BBC News, 14 JUL)
- [Inhaled Ebola vaccine stops virus in monkeys, study finds](#) (NY Times, 13 JUL)
- [Liberia update: New information from genetic sequencing](#) (WHO, 10 JUL)
- [Sierra Leone extends curfews indefinitely for worst-affected communities](#) (International Business Times, 9 JUL)
- [Ebola cases evade detection due to ongoing lack of trust in communities](#) (UN Media Centre, 8 JUL)
- [Lack of people, supplies and money plague Africa's Ebola fight – experts](#) (Reuters, 8 JUL)
- [Report of the Ebola Interim Assessment Panel](#) (WHO, 7 JUL)
- [Panel: Politics among reasons for botched UN Ebola response](#) (Washington Post, 7 JUL)
- [Statement on the 6th meeting of the IHR Emergency Committee regarding the Ebola outbreak in West Africa](#) (WHO, 7 JUL)