

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



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DEPARTMENT OF DEFENSE (AFHSC)

West Africa Ebola Surveillance Summary #113

20 AUG 2015 (next report 27 AUG 2015)



CASE REPORT: According to [WHO on 19 AUG](#), between 10 and 16 AUG there was an increase of **three** confirmed and **21** suspected and/or probable Ebola virus disease (EVD) cases (+1 total deaths) in Guinea and Sierra Leone. **Only Guinea reported confirmed cases.** The total count of **27,988 cases (11,299 deaths)** includes past cases and deaths from Liberia, Italy, Senegal, Nigeria, the United States, Spain, Mali, and the United Kingdom.

Guinea reported **three new confirmed cases (two from Conakry and one in Forecariah)**, up from **two** the previous week. Sierra Leone reported **no confirmed cases**, down from **two** the previous week. **This is Sierra Leone's first week without a confirmed case since the onset of the outbreak in that country. All three Guinea cases were registered contacts of a known case.** Liberia has reported no new cases since 12 JUL and, barring additional cases, should be 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; the goal of zero transmission was emphasized.

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](#). [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 EVD. 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.

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 (13AUG 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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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 (16 AUG)	3,786 (-1) / 3,332 (+3)	2,524 / 2,072	195 / 99	796
Sierra Leone (16 AUG)	13,494 (+24) / 8,697	3,952 (+1) / 3,586 (+1)	307 / 221	72
Liberia (16 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 (16 AUG)	27,988 (+23) / 15,220 (+3)	11,299 (+1) / 5,670(+1)†	899 / 519	868

†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.

Text updated from the previous report will be printed in red; items in (+xx) represent the change in number from the previous AFHSC summary (6 AUG 2015).

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



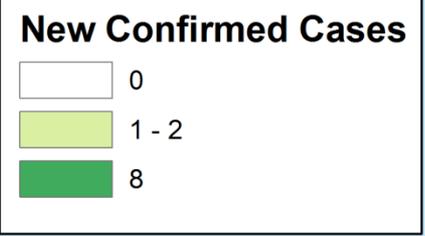
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New confirmed Ebola virus disease cases by district in West Africa, during the most recently reported three-week period



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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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](#)

Information and News

- [Sierra Leone down to the last chain of Ebola virus transmission](#) (WHO, 17 AUG)
- [Ebola crisis was not a financial crisis for Dallas area taxpayers](#) (Dallas Morning News, 14 AUG)
- [Termination of Operation United Assistance and maintaining certain DoD Ebola virus disease-related guidance and authorities](#) (U.S. DoD, 10 AUG)
- [How the DoD helped confront Ebola](#) (Georgetown Public Policy Review, 12 AUG)
- [Liberia expands cross border screening to combat spread of Ebola](#) (International Organization for Migration, 11 AUG)
- [Sierra Leone celebrates lifting of ban on public gatherings due to Ebola](#) (The Guardian, 10 AUG)
- [Thousands of Ebola survivors face severe pain, possible blindness](#) (Reuters, 7 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)
- [Inhaled Ebola vaccine stops virus in monkeys, study finds](#) (NY Times, 13 JUL)
- [Report of the Ebola Interim Assessment Panel](#) (WHO, 7 JUL)