

Kuehne A, Keating P, Polonsky J, Haskew C, Schenkel K, le Polain de Waroux O, Ratnayake R: Event-based surveillance in low- and middle-income countries: a systematic review

Supplementary file 2: Full-text articles screened and reasons for exclusion

Among all 94 records identified by systematic (n=68), grey (n=6) or backwards citation (n= 20) literature search for full-text extraction, 82 (87%) were peer-reviewed publications (65 identified by systematic search, one by grey literature search, 16 by backwards citation search), four were unpublished manuscript currently under preparation or peer-review (all identified through grey literature search by reaching out to partners), three (3.2%) were conference abstracts (all identified by systematic search), three (3.2%) were agency reports (one identified by grey literature search, two by backwards citation search), one was a WHO publication (identified by backwards citation search) and one was a MPH thesis (identified by backwards search). Of the 94 records that were identified, 17 records were included; for the remaining 77 records the reasons for exclusion are listed below. For four of these 77 records that we had wished to review on full text, we were not able to obtain and assess full-texts or additional information: two conference abstracts, one MPH thesis and one agency report.

Publication title	Reason for exclusion	Identified through	Type of publication
Asiedu-Bekoe, F., et al. (2017). "Strengthening Capacity For Community Event-Based Surveillance - Experiences From a Pilot Launch In Ghana." APHA - American Public Health Association Annual Meeting 2017. 4.-8.11.2017 Atlanta	Full-text/ Presentation/ additional information could not be obtained	Systematic search	Conference abstract
Azziz-Baumgartner, E., et al. (2012). "Early detection of pandemic (H1N1) 2009, Bangladesh." <i>Emerging Infectious Diseases</i> 18(1): 146-149.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Balajee, S. A., et al. (2016). "Global Health Security: Building Capacities for Early Event Detection, Epidemiologic Workforce, and Laboratory Response." <i>Health security</i> 14(6): 424-432.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Bilve, A., et al. (2014). "Establishing an early warning alert and response network following the Solomon Islands tsunami in 2013." <i>Bulletin of the World Health Organization</i> 92(11): 844-848.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Blake, I. M., et al. (2016). "Faster Detection of Poliomyelitis Outbreaks to Support Polio Eradication." <i>Emerging Infectious Diseases</i> 22(3): 449-456.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Boisson, E. V., et al. (2012). "Cricket World Cup: a stress test for the surveillance system in the Caribbean." <i>The West Indian medical journal</i> 61(1): 84-89.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication

Chau, P. D. (2007). "Evaluation of disease surveillance system to detect disease outbreak in Cambodia." <i>Journal of the National Institute of Public Health</i> 56(4): 412-413.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Cordes, K. M., et al. (2017). "Real-Time Surveillance in Emergencies Using the Early Warning Alert and Response Network." <i>Emerging Infectious Diseases</i> 23: S131-S137.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Craig, A. T., et al. (2016). "Early warning epidemic surveillance in the Pacific island nations: an evaluation of the Pacific syndromic surveillance system." <i>Tropical Medicine & International Health</i> 21(7): 917-927.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Crowe, S., et al. (2015). "A plan for community event-based surveillance to reduce Ebola transmission - Sierra Leone, 2014-2015." <i>MMWR: Morbidity & Mortality Weekly Report</i> 64(3): 70-73.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Ekmekci, P. E. (2016). "An Assessment of Coherence Between Early Warning and Response Systems and Serious Cross-Border Health Threats in the European Union and Turkey." <i>Disaster medicine and public health preparedness</i> 10(6): 883-892.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Fleischauer, A. T. and J. Gaines (2017). "Enhancing Surveillance for Mass Gatherings: The Role of Syndromic Surveillance." <i>Public Health Reports</i> 132: 95S-98S.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Gomez, J., et al. (2009). "Pandemic influenza in a southern hemisphere setting: the experience in Peru from May to September, 2009." <i>Eurosurveillance</i> 14(42): 19371.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Hanafusa, S., et al. (2012). "A surveillance model for human avian influenza with a comprehensive surveillance system for local-priority communicable diseases in South Sulawesi, Indonesia." <i>Tropical Medicine and Health</i> 40(4): 141-147.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Hanvoravongchai, P., et al. (2010). "Pandemic influenza preparedness and health systems challenges in Asia: results from rapid analyses in 6 Asian countries." <i>BMC public health</i> 10: 322-322.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Higgins, E. M., et al. (2016). "Community Event-Based Surveillance (CEBS) For Ebola Virus Disease (EVD) In Sierra Leone: Alert Demographics By Sex And Age, February 2015-June 2016." <i>International Journal of Infectious Diseases</i> 53 Suppl: S115	Full-text/ Presentation/ additional information could not be obtained	Systematic search	Conference abstract

Ikram, M. S., et al. (2014). "Communicable disease control in Afghanistan." <i>Global Public Health</i> 9 Suppl 1: S43-57.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Kant, L. and S. K. Krishnan (2010). "Information and communication technology in disease surveillance, India: a case study." <i>BMC public health</i> 10 Suppl 1: S11.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Lam, S. K. (1990). "Development of an early warning system for dengue outbreaks." <i>Southeast Asian Journal of Tropical Medicine and Public Health</i> 21(4): 685-685.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Lopez, A. L., et al. (2015). "Epidemiology of cholera in the Philippines." <i>PLoS neglected tropical diseases</i> 9(1): e3440-e3440.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Lorthe, T. S., et al. (2018). "Evaluation of the EpiCore outbreak verification system." <i>Bulletin of the World Health Organization</i> 96(5): 327-334.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Machache, E. M., et al. (2014). "Community Health Workers Can Effectively Implement Disease Surveillance of Priority Diseases At Village Level In Kenya." <i>AHAIC African Health Agenda International Conference, 24.-26.11.2014, Nairobi</i>	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Mala, P., et al. (2014). "Establishment of EWARNS system for the Syrian crisis: Experiences and challenges." <i>International Journal of Infectious Diseases</i> 21(SUPPL. 1): 280.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Mofleh, J. and A. Jamil (2014). "Evaluation of measles surveillance systems in Afghanistan-2010." <i>Journal of Public Health and Epidemiology</i> 6(11): 407-416.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Muhjazi, G., et al. (2013). "An early warning and response system for Syria." <i>The Lancet</i> 382(9910): 2066.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Murhekar, M. V., et al. (2015). "On the transmission pattern of Kyasanur Forest disease [KFD] in India." <i>Infectious diseases of poverty</i> 4: 37-37.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Naser, A. M., et al. (2012). "Cluster Surveillance For Detecting Encephalitis Outbreaks In Bangladesh." <i>International Conference on Emerging Infectious Diseases 2012, Atlanta, 11.-14. March 2012</i>	Does not present data collected with EBS	Systematic search	Peer-reviewed publication

Orellana, C. (2005). "Tackling infectious diseases in the tsunami's wake." <i>The Lancet Infectious Diseases</i> 5(2): 73-73.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Otieno, C. F., et al. (2012). "Reliability of community health worker collected data for planning and policy in a peri-urban area of Kisumu, Kenya." <i>Journal of community health</i> 37(1): 48-53.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Oyas, H., et al. (2018). "Enhanced surveillance for Rift Valley Fever in livestock during El Nino rains and threat of RVF outbreak, Kenya, 2015-2016." <i>PLoS neglected tropical diseases</i> 12(4): e0006353.	Animal/livestock surveillance only	Systematic search	Peer-reviewed publication
Perry, H. B., et al. (2016). "Community health worker programmes after the 2013-2016 Ebola outbreak." <i>WHO Bulletin</i> 94: 551-553.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Polonsky, J., et al. (2013). "Public health surveillance after the 2010 haiti earthquake: the experience of <i>médecins sans frontières</i> ." <i>PLoS currents</i> 5.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Rahim, M., et al. (2010). "The impact of the disease early warning system in responding to natural disasters and conflict crises in Pakistan." <i>Eastern Mediterranean Health Journal</i> 16: S114-121.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Rahman, M. and A. Chakraborty (2012). "Nipah virus outbreaks in Bangladesh: a deadly infectious disease." <i>WHO South-East Asia journal of public health</i> 1(2): 208-212.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Rehman, N. A., et al. (2016). "Fine-grained dengue forecasting using telephone triage services." <i>Science advances</i> 2(7): ee1501215-ee1501215.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Rosewell, A., et al. (2013). "Mobile phone-based syndromic surveillance system, Papua New Guinea." <i>Emerging Infectious Diseases</i> 19(11): 1811-1818.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Roure, C., et al. (2005). "Surveillance, early warning alert, and response: communicable and vector-borne diseases." <i>Prehospital and Disaster Medicine</i> 20(6): 399-403.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Runge-Ranzinger, S., et al. (2014). "Dengue disease surveillance: an updated systematic literature review." <i>Tropical Medicine & International Health</i> 19(9): 1116-1160.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication

Sabatinelli, G., et al. (2012). "Early warning disease surveillance after a flood emergency - Pakistan, 2010." <i>Morbidity and Mortality Weekly Report</i> 61(49): 1002-1007.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Samaan, G., et al. (2005). "Rumor surveillance and avian influenza H5N1." <i>Emerging Infectious Diseases</i> 11(3): 463-466.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Sazzad, H. M., et al. (2013). "Japanese encephalitis outbreak in western Bangladesh, 2011." <i>American Journal of Tropical Medicine and Hygiene</i> 89(5 SUPPL. 1): 366.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Shortus, Matthew, et al. (2016). "Vector-control response in a post-flood disaster setting, Honiara, Solomon Islands, 2014." <i>Western Pacific surveillance and response journal: WPSAR</i> 7(1): 38-43.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Siziya, S., et al. (2016). "Surveillance: An important strategy for timely detection of outbreaks or epidemics of arboviral diseases." <i>International Public Health Journal</i> 8(1): 3-5.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Sparrow, A., et al. (2016). "Cholera in the time of war: implications of weak surveillance in Syria for the WHO's preparedness-a comparison of two monitoring systems." <i>BMJ Global Health</i> 1(3): e000029-e000029.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Teixeira, M. G., et al. (2012). "Evaluation of Brazil's public health surveillance system within the context of the International Health Regulations (2005)." <i>Revista panamericana de salud publica = Pan American journal of public health</i> 32(1): 49-55.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
Tissera, H., et al. (2016). "Sustainable dengue prevention and control through a comprehensive integrated approach: the Sri Lankan perspective." <i>WHO South-East Asia journal of public health</i> 5(2): 106-112.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Vong, S., et al. (2016). "Assessment of Ebola virus disease preparedness in the WHO South-East Asia Region." <i>Bulletin of the World Health Organization</i> 94(12): 913-924.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
WHO (2002). "Early warning and response network [EWARN], southern Sudan." <i>Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire</i> 77(4): 26-27.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication

WHO (2004). "Setting up an early warning system for epidemic-prone diseases in the Darfur humanitarian crisis." <i>Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire</i> 79(27): 246-247.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
WHO (2005). "Epidemic-prone disease surveillance and response after the tsunami in Aceh Province, Indonesia." <i>Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire</i> 80(18): 160-164.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
WHO (2010). "Early warning surveillance and response in emergencies: WHO Technical Workshop, December 2009." <i>Weekly Epidemiological Record</i> 85(14/15): 129-136.	Does not present data collected with EBS	Systematic search	Peer-reviewed publication
WHO (2017). "Early warning, alert and response system in emergencies: a field experience of a novel WHO project in north-east Nigeria." <i>Weekly Epidemiological Record = Relevé épidémiologique hebdomadaire</i> 92(5): 45-52.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Wilkinson, A. L., et al. (2017). "Reporting deaths among children aged <5 years after the ebola virus disease epidemic - Bombali District, Sierra Leone, 2015-2016." <i>Morbidity and Mortality Weekly Report</i> 66(41): 1116-1118.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
Zhang, H., et al. (2017). "Surveillance and early warning systems of infectious disease in China: From 2012 to 2014." <i>International Journal of Health Planning & Management</i> 32(3): 329-338.	IBS and EBS not evaluated separately	Systematic search	Peer-reviewed publication
Zulu, Z., et al. (2018). "Three parallel information systems for malaria elimination in Swaziland, 2010-2015: Are the numbers the same?" <i>Public Health Action</i> 8(Supplement 1): S13-S17.	No EBS system (as defined for this paper) described	Systematic search	Peer-reviewed publication
CARE: Promising Practices for Community-based Surveillance. Experiences from CARE's work with community-based models of avian and human influenza surveillance in five countries. 2008.	Does not present data collected with EBS	Grey literature search	Agency report
Unpublished manuscript on EBS, identified through TEPHINET	No permission for inclusion	Grey literature search	Manuscript under peer-review

Unpublished report on EBS, identified through TEPHINET	Full-text/ additional information could not be obtained	Presentation/ Grey literature search	Agency report
Bilal, N. e. a. (2011). Health extension workers in Ethiopia: improved access and coverage for the rural poor. Yes Africa can: success stories from a dynamic continent. P. A. Chuhan-Pole, M, The World Bank.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Broome, C. (2007). "Technical Note on Disease Surveillance and Epidemiology, INdia IDSP, Mid term Review Aide Memoire."	Does not present data collected with EBS	Backwards citation search	Peer-reviewed publication
CARE (2003). "CARE Vietnam's Community BAsed Surveillance Model: Bringing the fight to flu. A case study of outbreak detection and rapid response to Avian Influenzy in Vietnam's Haiphong province."	Does not present data collected with EBS	Backwards citation search	Agency report
CDC (2005). "Rapid health response, assessment, and surveillance after a tsunami--Thailand, 2004-2005." MMWR Morb Mortal Wkly Rep 54(3): 61-64.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
CDC (2010). "Launching a National Surveillance System after an earthquake --- Haiti, 2010." MMWR Morb Mortal Wkly Rep 59(30): 933-938.	Does not present data collected with EBS	Backwards citation search	Peer-reviewed publication
CDC (2010). "Rapid establishment of an internally displaced persons disease surveillance system after an earthquake --- Haiti, 2010." MMWR Morb Mortal Wkly Rep 59(30): 939-945.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Chan, E. H., et al. (2010). "Global capacity for emerging infectious disease detection." Proc Natl Acad Sci U S A 107(50): 21701-21706.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Curry, D. B., F; Coates, E; Altman, P (2013). "Reaching beyond the health post: community-based surveillance for polio eradication." Dev Pract 23: 69-78.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Ghebreyesus, T. A., et al. (2000). "The community-based malaria control programme in Tigray, northern Ethiopia. A review of programme set-up, activities, outcomes and impact." Parassitologia 42(3-4): 255-290.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Grein, T. W., et al. (2000). "Rumors of disease in the global village: outbreak verification." Emerg Infect Dis 6(2): 97-102.	No LMIC	Backwards citation search	Peer-reviewed publication

Jaravaza, V. S., et al. (1982). "Unified National Health Information System. Part II. The Village Health Worker Health Information System." <i>Cent Afr J Med</i> 28(3): 57-65.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Lamunu, M., et al. (2004). "Containing a haemorrhagic fever epidemic: the Ebola experience in Uganda (October 2000-January 2001)." <i>Int J Infect Dis</i> 8(1): 27-37.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
O'Neill, K. (1993). <i>Community-based surveillance: a critical examination of nine case-studies.</i> London School of Hygiene and Tropical Medicine. London, University of London.	Full-text/ Presentation/ additional information could not be obtained	Backwards citation search	Master thesis
Truelove, S. A., et al. (2015). "Mitigating measles outbreaks in West Africa post-Ebola." <i>Expert Rev Anti Infect Ther</i> 13(11): 1299-1301.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Valyasevi, A. W., P; Dhanamitta, S (1995). "Community-based surveillance for action towards health and nutrition: experience in Thailand." <i>Food and Nutrition Bulletin</i> 16: 120-125.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
WHO (2017). "Joint external evaluation of IHR core capacities of Viet Nam."	Does not present data collected with EBS	Backwards citation search	WHO publication
Brinkel J, Kramer A, Krumkamp R, May J, Fobil J. Mobile phone-based mHealth approaches for public health surveillance in sub-Saharan Africa: a systematic review. <i>Int J Environ Res Public Health</i> . 2014;11(11):11559-82.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Freifeld CC, Chunara R, Mekaru SR, Chan EH, Kass-Hout T, Ayala Iacucci A, et al. Participatory epidemiology: use of mobile phones for community-based health reporting. <i>PLoS Med</i> . 2010;7(12):e1000376.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication
Issah K, Nartey K, Amoah R, Bachan EG, Aleeba J, Yeetey E, et al. Assessment of the usefulness of integrated disease surveillance and response on suspected ebola cases in the Brong Ahafo Region, Ghana. <i>Infect Dis Poverty</i> . 2015;4:17.	No EBS system (as defined for this paper) described	Backwards citation search	Peer-reviewed publication