

. Supplementary Information

Table S1: Modified ROB score sheet for each study selected for the case fatality rate (CFR) estimation.

Study	①	②	③	④	⑤	⑥	⑦	⑧	⑨	Overall score
Breman et al., 1980	High	Moderate	Low	Low	Moderate	Moderate	High	Low	Moderate	Moderate
Doshi et al., 2019	High	High	Low	Low	High	High	High	High	High	High
Formenty et al., 2010	Low	High	Low	Low	High	High	High	High	High	High
Hutin et al., 1997	Low	Low	Low	Low	High	High	High	High	High	Moderate
Ita et al., 2019	Low	Low	Low	High	High	Low	Low	High	Low	Low
Jezeq et al., 1986	Low	Low	Low	Low	Low	High	High	Low	Low	Low
Jezeq et al., 1988	High	High	Low	Low	Low	High	High	High	High	High
Jezeq et al., 1988	Low	Low	Low	Low	Low	High	High	High	High	Moderate
Learned et al., 2005	Low	Low	Low	Low	High	High	High	Low	High	Low
Mandja et al., 2022	High	High	High	Low	High	High	High	High	High	High
Meyer et al. 2002	Low	Low	Low	Low	High	Low	High	Low	High	Low
Mwanbal et al., 1997	Low	Low	Low	Low	High	High	High	Low	High	Moderate
Nakouné et al., 2017	Low	Low	Low	Low	High	Low	High	Low	High	Low
Nolen et al., 2016	High	High	Low	Low	High	High	High	High	High	High
Vaughan et al., 2020	High	Low	Low	Low	Low	Low	High	Low	Low	Low
Yinka-Ogunleye et al., 2019	High	High	High	Low	High	High	High	High	Low	High
① Target population was a close representation of the population; ② Sampling frame a close representation of the target population; ③ A census as undertaken; ④ Under-reporting or ascertainment bias; ⑤ Acceptable case definition; ⑥ Study instrument that measured the parameter of interest shown to have reliability and validity; ⑦ Same mode of data collection used for all subjects; ⑧ The length of the study period for the parameter of interest appropriate; ⑨ The numerator(s) and denominator(s) for the parameter of interest appropriate.										