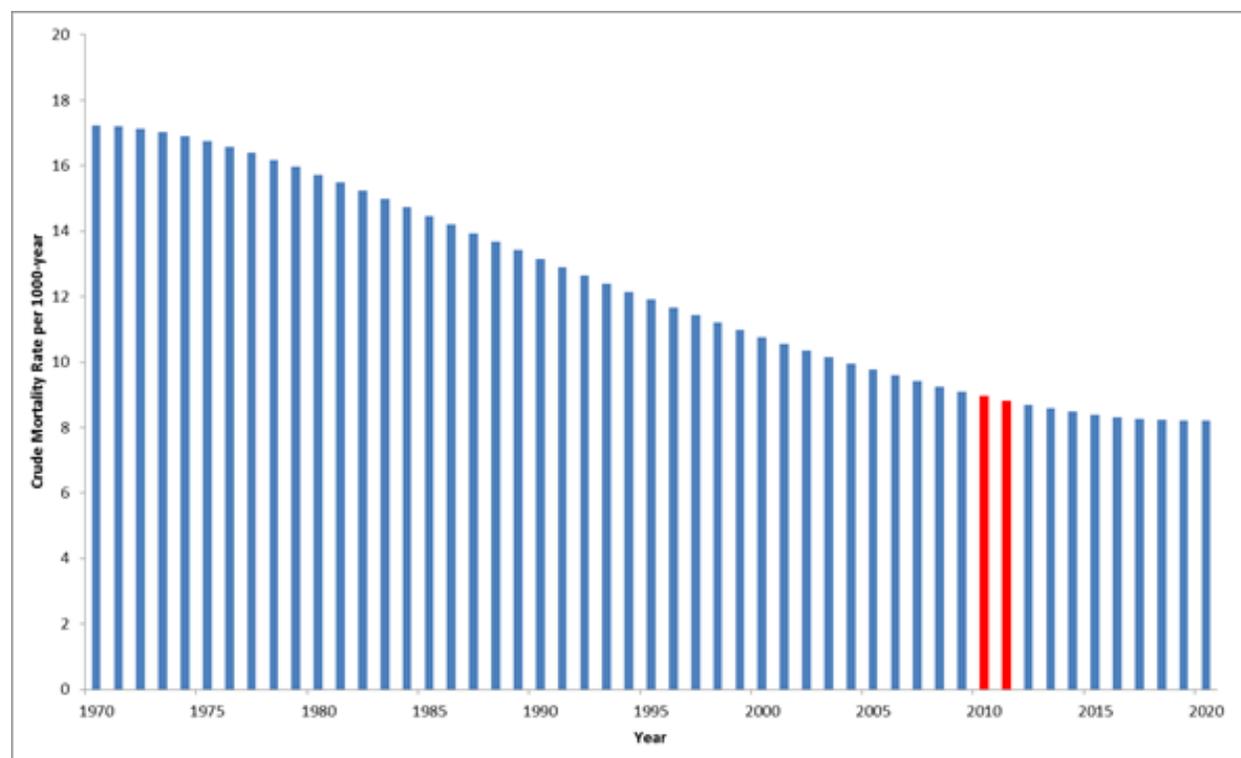


# Mortality Rates during Cholera Epidemic, Haiti, 2010–2011

## Technical Appendix

**Technical Appendix Table.** Estimated excess deaths in the study population using the low, medium, and high variant for the year 2010 in Haiti from the United Nations World Population Prospects (<http://data.un.org/Data.aspx?d=PopDiv&f=variableID:65>)

Study area	Gonaives	Cap-Haïtien	North Department	Gaspard	Total
Population	227,715	14,931	181,118	20,946	444,710
Expected number of deaths - low variant	892	61	858	89	1,900
Expected number of deaths - medium variant	902	62	867	90	1,921
Expected number of deaths - high variant	912	63	877	91	1,943
Estimated number of deaths	1,890	218	2,926	355	5,389
Excess deaths - low variant	998	157	2,068	266	3,489
Excess deaths - medium variant	988	156	2,058	265	3,468
Excess deaths - high variant	978	155	2,048	264	3,446



**Technical Appendix Figure.** Observed and expected crude mortality rate estimates for Haiti in the period 1970 to 2020 from the United Nations World Population Prospects (<http://data.un.org/Data.aspx?d=PopDiv&f=variableID:65>). The crude mortality rate has decreased from 17.2 deaths per 1000 person-year in 1970 to less than 10.0 deaths per 1000 person-year in 2013; the

expected crude mortality rate was 9.0 deaths per 1000 person-year for 2010 and 8.8 deaths per 1000 person-year for 2011.