



# IMPACT MODEL: NEAR REAL TIME ANALYSIS OF EBOLA VIRUS CONTAGION IN WEST AFRICA

Author: N. Robert Olisa, III. MPA; MS; M [ASCP]; RM [NRCM] Contact Info: email: nrolisa@biologicalagents.com Phone: +1 (915) 208 4431



## BIOLOGICAL AGENTS INDEX

© 2014 American Journal of Biological Defense ® Supplement / Vol. 4 / No.1 October 14, 2014

	COST [USD] (INTERVENTION)	LIBERIA	SIERRA LEONE	GUINEA	NIGERIA	USA
<sup>1</sup> Reported Cases [New/Old Cases of Ebola]		5,903	3,060	1,938	28	5
		155,307 [People at Risk] 34,514 [Unreported Exposure]	296,437 [People at Risk] 117,572 [Unreported Exposure]	51,704 [People at Risk] 41,237 [Unreported Exposure]	158 130 [Unreported Exposures]	0 [Undetermined]
<sup>2</sup> Approximate Cost (USD)/Month [Expenditure] to Contain [Budget to Control] as of October 14, 2014	<b>MONTHLY BUDGET</b>					
	1.Local Manpower [Salaries for 3,000]	9,412,313.00	12,290,567.50	26,391,080.00		
	2.Logistics (and administrative)	2,823,693.00	3,687,170.00	7,917,324.27		
	3.Surveillance	941,234.00	1,229,056.00	2,639,108.00		
	4.Communication	941,234.00	1,229,056.00	2,639,108.00		
	5.Movement (Manpower and Supplies)	2,823,693.00	3,687,170.00	7,917,324.00		
	6.Sanitation / Hygiene	21,648,319.00	28,268,305.00	60,699,486.00		
	7.Training	2,823,693.00	3,687,170.00	7,917,324.00		
	8.Pharmaceuticals (prophylactic)	13,177,238.00	17,206,794.00	36,947,513.00		
	Olisferol® 570-mg Oraic			13,195,540.00		
	9.Pharmaceuticals (therapeutic)	4,706,156.00	6,145,283.00			
	Olisferol® (5-mg/L Adjuvant Water)			36,947,514.00		
	10.Laboratory (diagnostic)	13,177,238.00	17,206,794.00			
	Primaire Care (and Burial)	21,648,319.00	28,268,305.00	60,699,486.00		
	<b>Total</b>	<b>94,123,130.00</b>	<b>122,905,670.50</b>	<b>263,910,807.27</b>		

	2,069	623	793	8	1
<sup>1</sup> Reported Deaths					
<sup>2</sup> More Like [Death from Exposure as of October 14, 2014]	17,926 [Unrecorded Deaths]	11,735 [Unreported Deaths]	41,236 [Unreported Deaths]	0 [Unreported Deaths]	0 [Unreported Deaths]
<sup>2</sup> Death Rate [Mortality] from Ebola Infection as of October 14, 2014	93% [Mortality in Infected]	86% [Mortality in Infected]	88% [Mortality in Infected]	38% [Mortality in Infected]	[Undetermined]

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