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## ROI Example for UVC System in a Hospital Using a 20% Reduction Model

VARIABLE	VALUE
CDI Costs	
CDI Cases per year	194
Cost per case	\$35,000*
Annual cost for CDI	\$6,790,000
UV-C system one-time cost	\$60,000
CDI Savings	
CDI case reduction	20%
CDI cases less	39
Annual CDI savings	\$1,365,000
CDI Savings minus UV-C system cost	\$1,305,000

CDI, Clostridium difficile infection; UV-C, ultraviolet-C.

\* Association for Professionals in Infection Control and Epidemiology. Guide to preventing Clostridium difficile infections. 2013. Available from: [www.apic.org/Resource/\\_/EliminationGuideForm/59397fc6-3f90-43d1-9325-e8be75d86888/File/2013CDiffFinal.pdf](http://www.apic.org/Resource/_/EliminationGuideForm/59397fc6-3f90-43d1-9325-e8be75d86888/File/2013CDiffFinal.pdf).