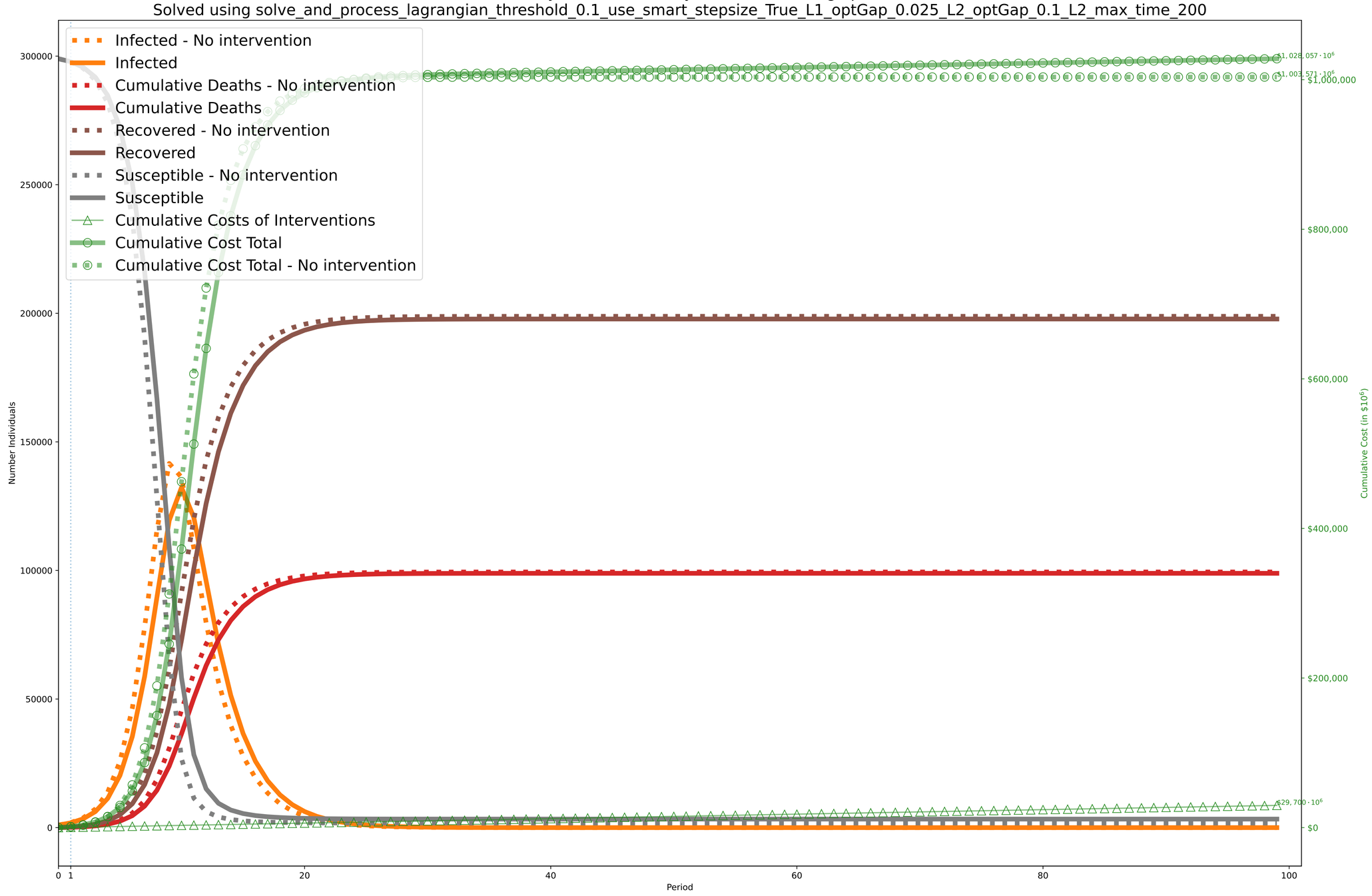
Objective: $1,028,057,219,556; without intervention: $1,003,571,304,682 (Desired optimality gap: 1%; actual: 9%. Lower Bound: $933,834,000,000. Time to solve: 110s)
$C^I = \$10,000, C^D = \$10,000,000$. Zero switching costs.
One Period=7 days (costs scaled by $1,000,000$ during optimization)
Solved using solve_and_process_lagrangian_threshold_0.1_use_smart_stepsize_True_L1_optGap_0.025_L2_optGap_0.1_L2_max_time_200



	1 -99
0. Movement **A: $[5000 ,10000]·$$10^2$$** **B: $[0 ,0]·$$10^2$$** **C: $[10 ,14]·$$10^2$$** **P: [.95 ,.93]**	
1. Education (University level) **A: $[0 ,0]·$$10^2$$** **B: $[0 ,0]·$$10^2$$** **C: $[10 ,14]·$$10^2$$** **P: [.99 ,.95]**	
2. Social Gatherings (in a house) **A: $[0 ,0 ,0 ,0]·$$10^2$$** **B: $[0 ,0 ,0 ,0]·$$10^2$$** **C: $[8 ,10 ,12 ,14]·$$10^2$$** **P: [.99 ,.99 ,.97 ,.93]**	
3. Non-Food Service (bank,retail, etc) **A: $[2500 ,5000 ,10000]·$$10^2$$** **B: $[0 ,0 ,0]·$$10^2$$** **C: $[8 ,10 ,14]·$$10^2$$** **P: [.99 ,.95 ,.93]**	
4. Restaurants **A: $[5000 ,10000]·$$10^2$$** **B: $[0 ,0]·$$10^2$$** **C: $[10 ,14]·$$10^2$$** **P: [.95 ,.93]**	
5. Masking **A: $[0 ,0 ,0]·$$10^2$$** **B: $[0 ,0 ,0]·$$10^2$$** **C: $[8 ,10 ,14]·$$10^2$$** **P: [.99 ,.95 ,.93]**	
6. Mega Events **A: $[2500 ,5000 ,10000]·$$10^2$$** **B: $[0 ,0 ,0]·$$10^2$$** **C: $[8 ,10 ,14]·$$10^2$$** **P: [.99 ,.95 ,.93]**	
7. Border Control **A: $[5000 ,10000]·$$10^2$$** **B: $[0 ,0]·$$10^2$$** **C: $[10 ,14]·$$10^2$$** **P: [.95 ,.93]**	
8. Physical Distancing **A: $[0]·$$10^2$$** **B: $[0]·$$10^2$$** **C: $[10]·$$10^2$$** **P: [.93]**	**1**
Cost Per Period: TOTAL **Cost Per Period: POLICY** **Cost Per Period: DISEASE** **Probability Factor**	$1e+10 $3e+08 $1e+10 0.925