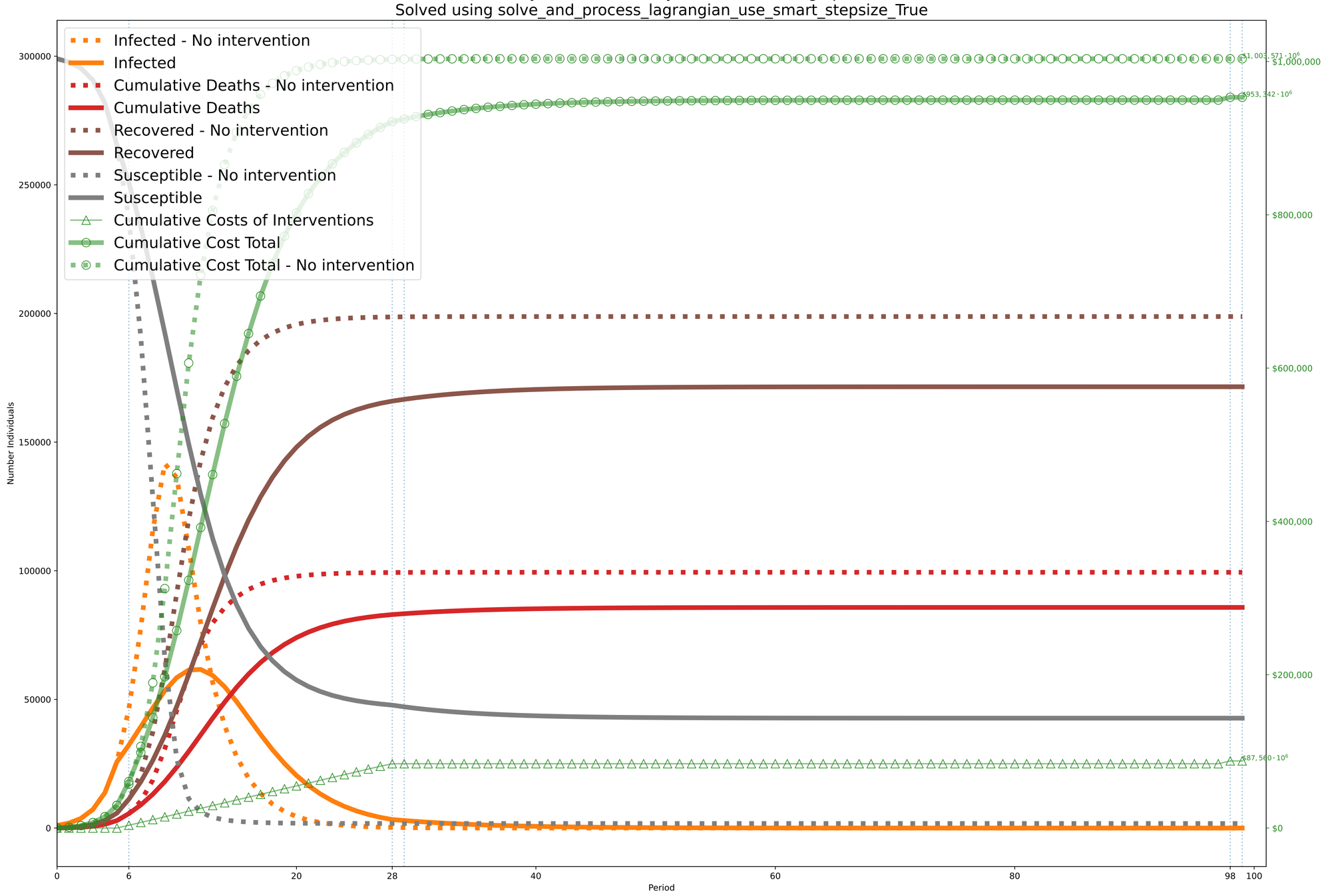
Objective: $953,342,418,079; without intervention: $1,003,571,304,682 (Desired optimality gap: 1%; actual: 2%. Lower Bound: $934,880,000,000. Time to solve: 235s)
$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by $1,000,000$ during optimization)
Solved using solve_and_process_lagrangian_use_smart_stepsize_True



	0 -5	6 -27	28 -28	29 -97	98 -98	99 -99
0. Movement A: $[5000 ,10000]·10^2$ B: $[10000,20000]·10^2$ C: $[10 ,14]·10^2$ P: [.95 ,.93]		2	2		2	
1. Education (University level) A: $[0 ,0]·10^2$ B: $[0 ,0]·10^2$ C: $[10 ,14]·10^2$ P: [.99 ,.95]		2			2	
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]		4	4		4	
3. Non-Food Service (bank,retail, etc) A: $[2500 ,5000 ,10000]·10^2$ B: $[5000 ,10000,20000]·10^2$ C: $[8 ,10 ,14]·10^2$ P: [.99 ,.95 ,.93]		3	3		3	
4. Restaurants A: $[5000 ,10000]·10^2$ B: $[10000,20000]·10^2$ C: $[10 ,14]·10^2$ P: [.95 ,.93]		2	2		2	
5. Masking A: $[0 ,0 ,0]·10^2$ B: $[0 ,0 ,0]·10^2$ C: $[8 ,10 ,14]·10^2$ P: [.99 ,.95 ,.93]		3	3		3	
6. Mega Events A: $[2500 ,5000 ,10000]·10^2$ B: $[5000 ,10000,20000]·10^2$ C: $[8 ,10 ,14]·10^2$ P: [.99 ,.95 ,.93]		3	3		3	
7. Border Control A: $[5000 ,10000]·10^2$ B: $[10000,20000]·10^2$ C: $[10 ,14]·10^2$ P: [.95 ,.93]		2	2		2	
8. Physical Distancing A: $[0]·10^2$ B: $[0]·10^2$ C: $[10]·10^2$ P: [.93]		1	1		1	
Cost Per Period: TOTAL **Cost Per Period: POLICY** **Cost Per Period: DISEASE** **Probability Factor**	$4.9e+09 $0.0 $4.9e+09 1.000	$4e+10 $3.7e+09 $3.7e+10 0.509	$7.7e+ $3.2e+ $4.4e+ 0.536	$4.1e+08 $0.0 $4.1e+08 1.000	$3.7e+ $3.7e+ $1.8e+ 0.509	$1.4e+05 $0.0 $1.4e+05 1.000