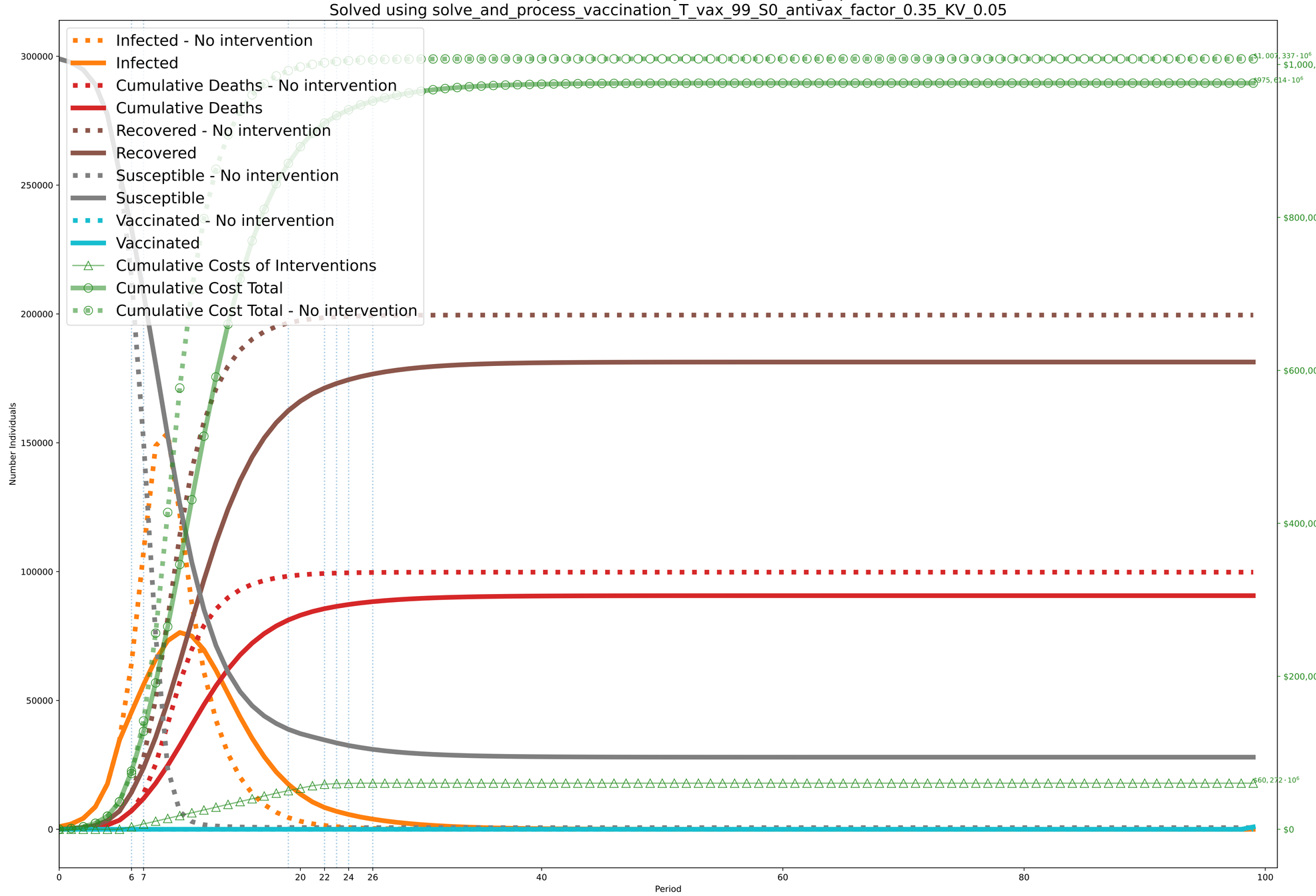
Objective: $975,614,609,007; without intervention: $1,007,337,001,721 (Desired optimality gap: 80%; actual: 77%. Lower Bound: $222,483,000,000. Time to solve: 49s)
$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by $1,000,000$ during optimization)
Solved using solve_and_process_vaccination_T_vax_99_S0_antivax_factor_0.35_KV_0.05



	0 -5	6 -6	7 -18	19 -21	22 -22	23 -23	24 -25	26 -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. 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	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	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	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	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	1	1	1	
Cost Per Period: TOTAL **Cost Per Period: POLICY** **Cost Per Period: DISEASE** **Probability Factor**	$6e+09 $0.0 $6e+09 1.000	$4e+10 $3.3e+ $3.7e+ 0.536	$6.4e+10 $3.7e+09 $6e+10 0.509	$2.2e+10 $3.2e+09 $1.9e+10 0.536	$1.3e+ $2e+09 $1.1e+ 0.677	$9.7e+ $7.2e+ $8.9e+ 0.856	$7e+09 $3e+08 $6.7e+ 0.925	$3.8e+08 $0.0 $3.8e+08 1.000