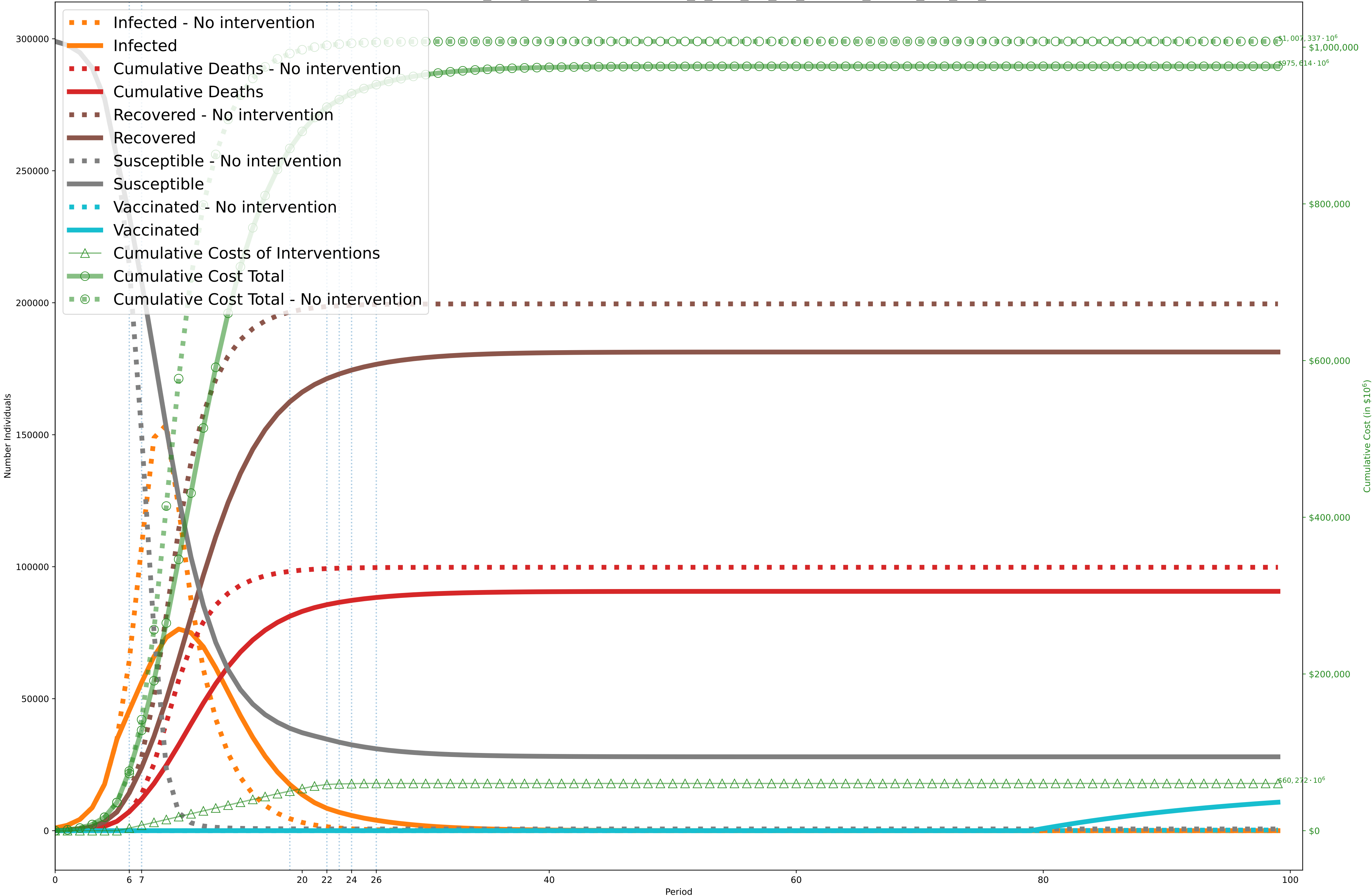Objective: $975,614,585,852$; without intervention: $1,007,337,001,721$ (Desired optimality gap: 80%; actual: 77%. Lower Bound: $222,487,000,000$. Time to solve: 45s)
$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by $1,000,000$ during optimization)
Solved using solve_and_process_vaccination_T_vax_80_S0_antivax_factor_0.4_KV_0.05

	0 / -5	6 / -6	7 / -18	19 / -21	22 / -22	23 / -23	24 / -25	26 / -99
0. Movement A: $[5000 ,10000]\cdot10^2$ B: $[10000,20000]\cdot10^2$ C: $[10 ,14]\cdot10^2$ P: $[.95 ,.93]$		2	2	2				
1. Education (University level) A: $[0 ,0]\cdot10^2$ B: $[0 ,0]\cdot10^2$ C: $[10 ,14]\cdot10^2$ P: $[.99 ,.95]$			2					
2. Social Gatherings (in a house) A: $[0 ,0 ,0 ,0]\cdot10^2$ B: $[0 ,0 ,0 ,0]\cdot10^2$ C: $[8 ,10 ,12 ,14]\cdot10^2$ P: $[.99 ,.99 ,.97 ,.93]$		4	4	4	4			
3. Non-Food Service (bank,retail, etc) A: $[2500 ,5000 ,10000]\cdot10^2$ B: $[5000 ,10000,20000]\cdot10^2$ C: $[8 ,10 ,14]\cdot10^2$ P: $[.99 ,.95 ,.93]$		3	3	3	3			
4. Restaurants A: $[5000 ,10000]\cdot10^2$ B: $[10000,20000]\cdot10^2$ C: $[10 ,14]\cdot10^2$ P: $[.95 ,.93]$		2	2	2				
5. Masking A: $[0 ,0 ,0]\cdot10^2$ B: $[0 ,0 ,0]\cdot10^2$ C: $[8 ,10 ,14]\cdot10^2$ P: $[.99 ,.95 ,.93]$		3	3	3	3	3		
6. Mega Events A: $[2500 ,5000 ,10000]\cdot10^2$ B: $[5000 ,10000,20000]\cdot10^2$ C: $[8 ,10 ,14]\cdot10^2$ P: $[.99 ,.95 ,.93]$		3	3	3				
7. Border Control A: $[5000 ,10000]\cdot10^2$ B: $[10000,20000]\cdot10^2$ C: $[10 ,14]\cdot10^2$ P: $[.95 ,.93]$		2	2	2	2			
8. Physical Distancing A: $[0]\cdot10^2$ B: $[0]\cdot10^2$ C: $[10]\cdot10^2$ 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+09 $3.7e+10 0.536	$6.4e+10 $3.7e+10 $6e+10 0.509	$2.2e+10 $3.2e+09 $1.9e+10 0.536	$1.3e+10 $1.1e+09 $1.1e+10 0.677	$9.7e+09 $8.8e+08 $9.7e+09 0.856	$7e+09 $6.7e+08 $3e+08 0.925	$3.8e+08 $0.0 $3.8e+08 1.000