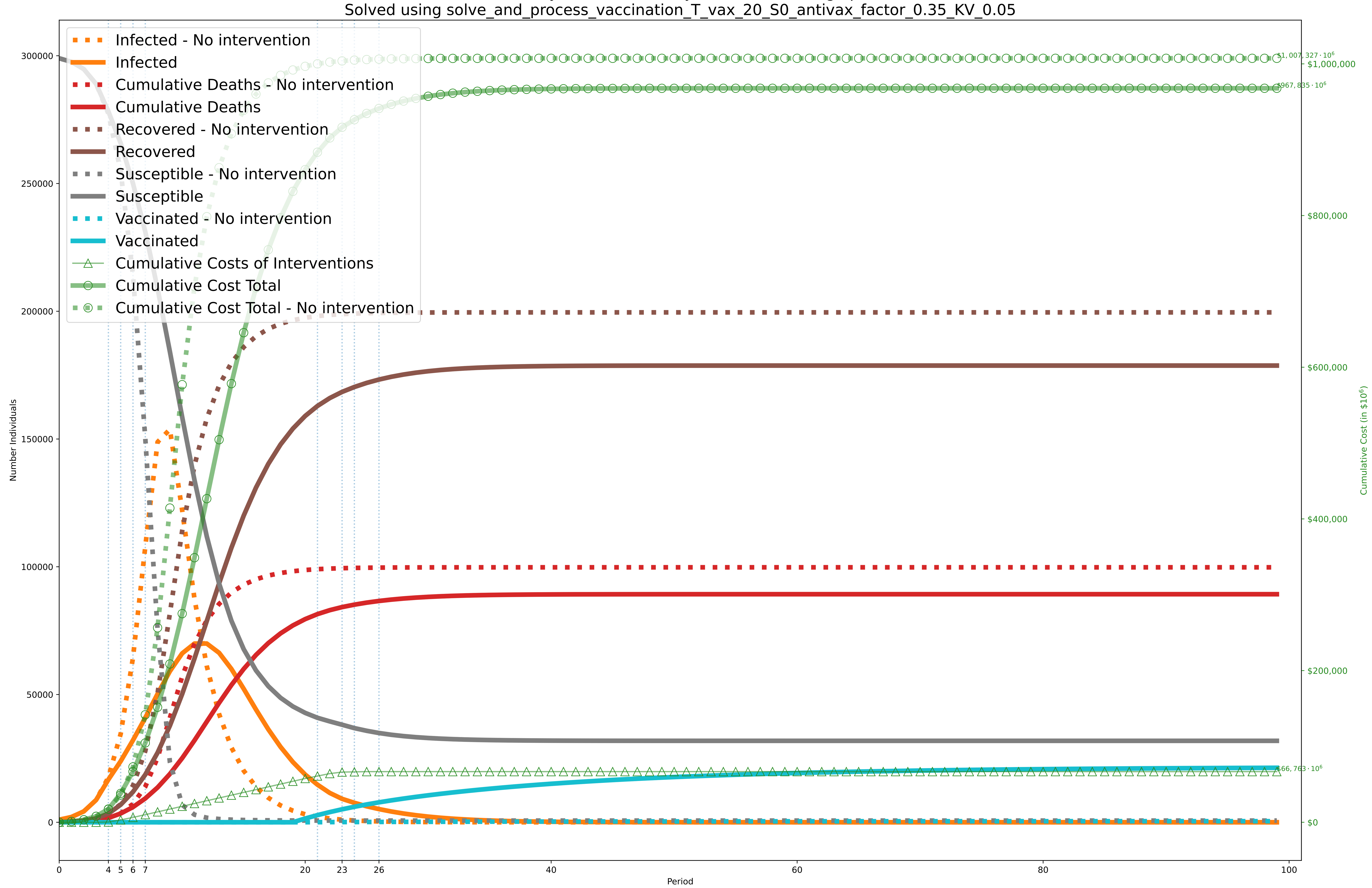
Objective: $\$967,835,417,406$; without intervention: $\$1,007,327,292,147$ (Desired optimality gap: 80%; actual: 77%. Lower Bound: $222,356,000,000. Time to solve: 50s)
$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by $1,000,000$ during optimization)
Solved using solve_and_process_vaccination_T_vax_20_S0_antivax_factor_0.35_KV_0.05



	0 -3	4 -4	5 -5	6 -6	7 -20	21 -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	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			
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	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	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	1	
Cost Per Period: TOTAL **Cost Per Period: POLICY** **Cost Per Period: DISEASE** **Probability Factor**	$2e+09 $0.0 $2e+09 1.000	$9.6e+ $3e+08 $9.3e+ 0.925	$2.1e+ $2.8e+ $1.8e+ 0.579	$2.9e+ $3.2e+ $2.5e+ 0.536	$5.7e+10 $3.7e+09 $5.3e+10 0.509	$2.1e+ $3.2e+ $1.8e+ 0.536	$1.4e+ $2e+09 $1.2e+ 0.677	$9.1e+ $3e+08 $8.8e+ 0.925	$4.5e+08 $0.0 $4.5e+08 1.000