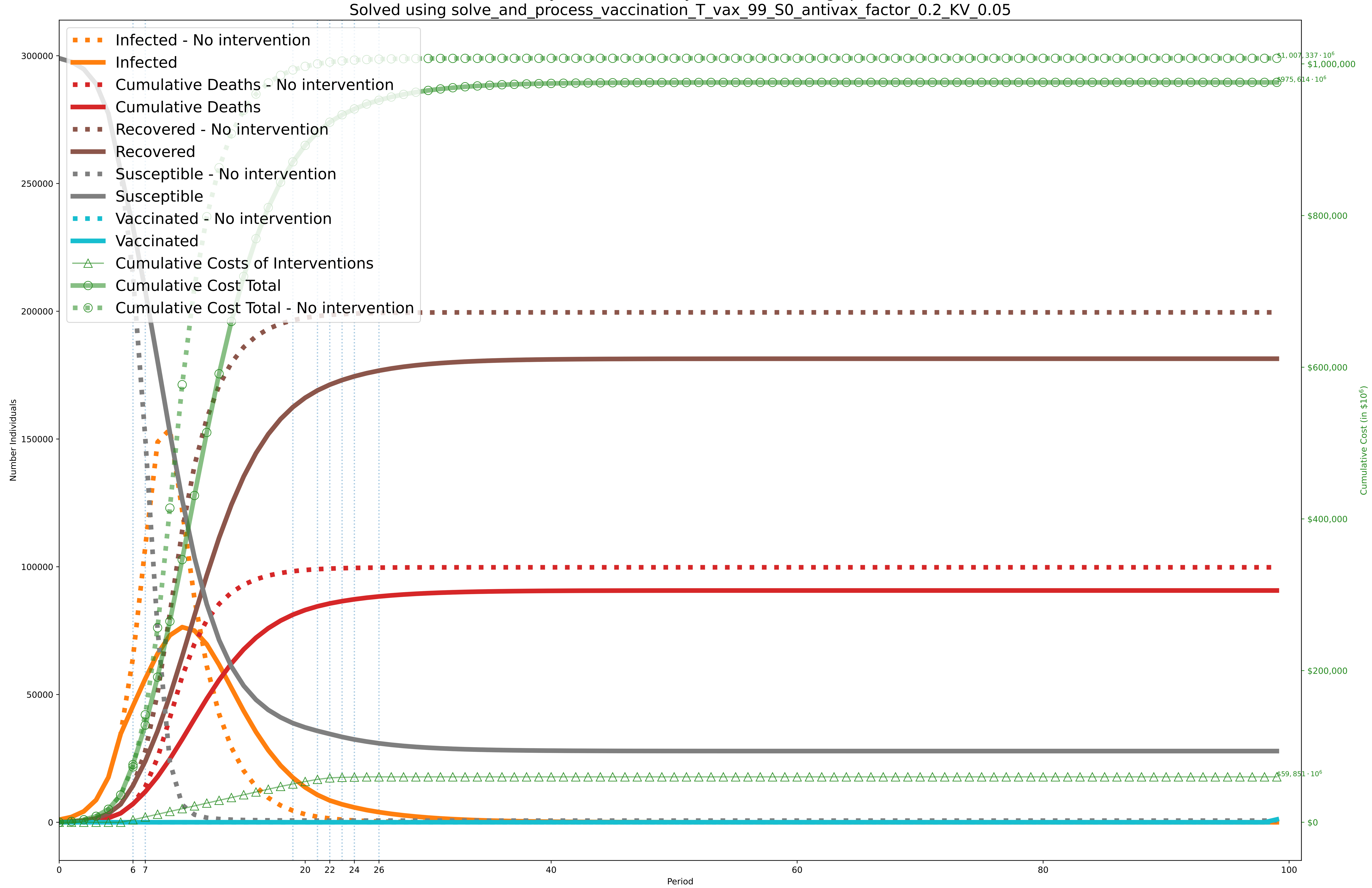
Objective: \$975, 614, 545, 034; without intervention: \$1, 007, 337, 001, 721 (Desired optimality gap: 80%; actual: 77%. Lower Bound: \$222,473,000,000. Time to solve: 57s)
$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by 1, 000, 000 during optimization)
Solved using solve_and_process_vaccination_T_vax_99_S0_antivax_factor_0.2_KV_0.05



	0 -5	6 -6	7 -18	19 -20	21 -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	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	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	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	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**	\$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	\$2.4e+ \$3.2e+ \$2.1e+ 0.536	\$1.7e+ \$2.8e+ \$1.4e+ 0.579	\$1.3e+ \$2e+09 \$1.1e+ 0.677	\$9.8e+ \$7.2e+ \$9e+09 0.856	\$7.1e+ \$3e+08 \$6.8e+ 0.925	\$3.9e+08 \$0.0 \$3.9e+08 1.000