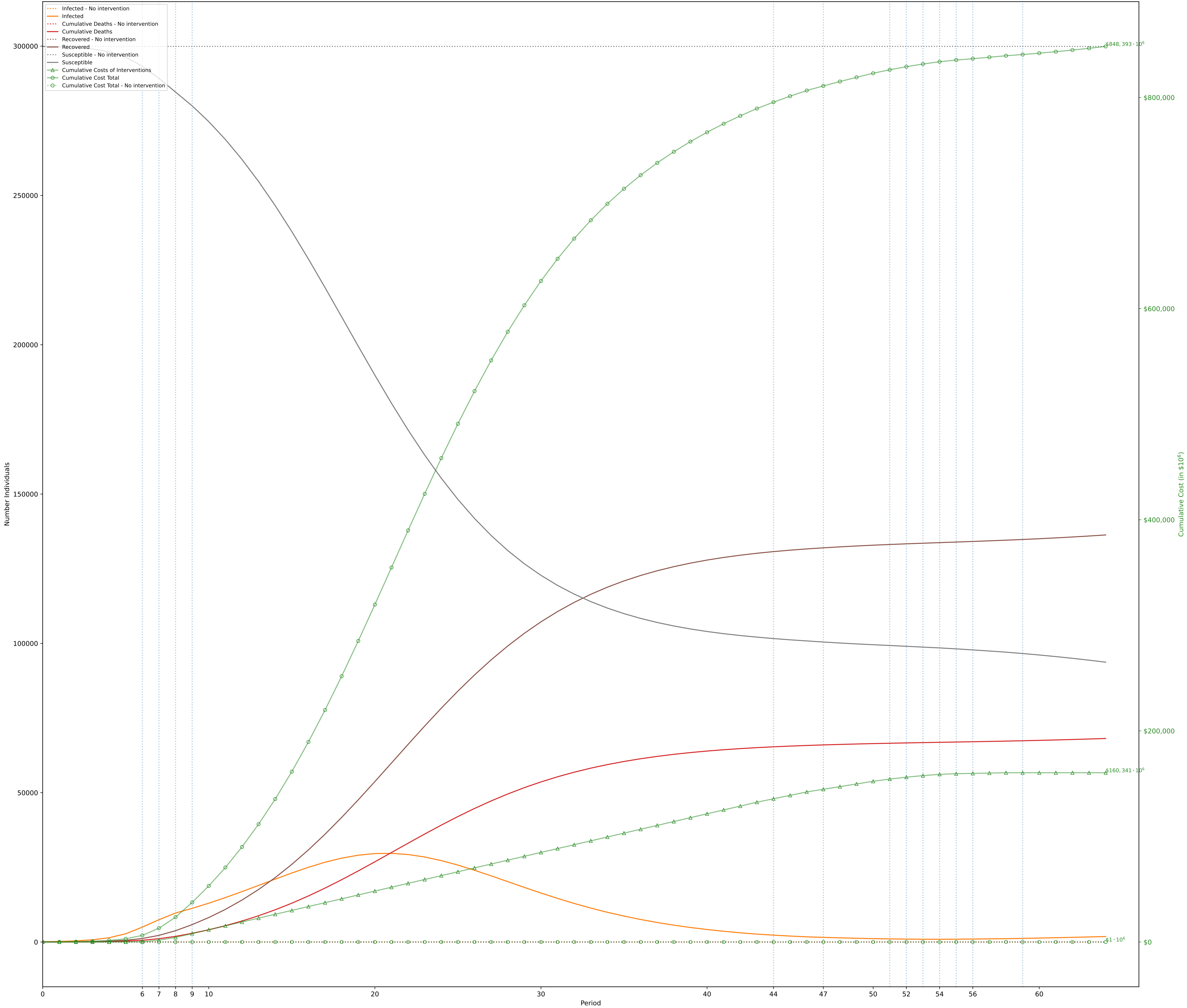


Objective: \$848,393,259,308; without intervention: \$1,000,000 (Desired optimality gap: 20%; actual: nan%. Time to solve: 4s)  
C<sup>I</sup> = \$10,000, C<sup>D</sup> = \$10,000,000  
One Period=7 days (costs scaled by 1,000,000 during optimization)



	0 -5	6 -6	7 -7	8 -8	9 -43	44 -46	47 -50	51 -51	52 -52	53 -53	54 -54	55 -55	56 -58	59 -64
0. Movement A: \$[500 ,1000 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [.93 ,.9 ]			1	1	2	2	1	1	1					
1. Education (University level) A: \$[0 ,0 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [.99 ,.93 ]					2									
2. Social Gatherings (in a house) A: \$[0 ,0 ,0 ,0 ]·10 <sup>2</sup> C: \$[8 ,10 ,12 ,14 ]·10 <sup>2</sup> P: [.99 ,.97 ,.95 ,.9 ]				4	4	4	4							
3. Non-Food Service (bank,retail, etc) A: \$[250 ,500 ,1000 ]·10 <sup>2</sup> C: \$[8 ,10 ,14 ]·10 <sup>2</sup> P: [.99 ,.93 ,.9 ]			2	2	3	3	2	2	2	2	2			
4. Restaurants A: \$[500 ,1000 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [.93 ,.9 ]			1	1	2	2	1	1	1	1				
5. Masking A: \$[0 ,0 ,0 ,0 ]·10 <sup>2</sup> C: \$[8 ,10 ,14 ]·10 <sup>2</sup> P: [.99 ,.93 ,.9 ]			2	2	3	3	2	2	2	2	2	2		
6. Mega Events A: \$[250 ,500 ,1000 ]·10 <sup>2</sup> C: \$[8 ,10 ,14 ]·10 <sup>2</sup> P: [.99 ,.93 ,.9 ]				2	3	3	2	2	2	2				
7. Border Control A: \$[500 ,1000 ]·10 <sup>2</sup> C: \$[10 ,14 ]·10 <sup>2</sup> P: [.93 ,.9 ]				1	2	2	1	1	1					
8. Physical Distancing A: \$[0 ]·10 <sup>2</sup> C: \$[10 ]·10 <sup>2</sup> P: [.9 ]		1	1	1	1	1	1	1	1	1	1	1	1	
Cost Per Period: TOTAL Cost Per Period: POLICY Cost Per Period: DISEASE Probability Factor	\$5.1e+08 \$0.0 \$5.1e+08 1.000	\$3.2e+08 \$3e+08 \$2.9e+08 0.900	\$6.8e+08 \$1.5e+09 \$5.3e+08 0.659	\$1e+10 \$2.5e+09 \$7.9e+08 0.507	\$2.2e+10 \$3.7e+09 \$1.8e+10 0.398	\$5.7e+09 \$3.2e+09 \$2.4e+09 0.430	\$4.1e+09 \$2.2e+09 \$1.9e+09 0.507	\$3.3e+08 \$2.2e+08 \$1.2e+08 0.564	\$2.9e+08 \$1.2e+08 \$1.7e+08 0.609	\$2.5e+08 \$1.2e+08 \$1.3e+08 0.659	\$2.2e+08 \$1.2e+08 \$1.0e+08 0.712	\$3.6e+08 \$6e+08 \$5.7e+08 0.833	\$1.4e+09 \$3e+09 \$1.1e+09 0.900	\$3.5e+09 \$0.0 \$1.5e+09 1.000