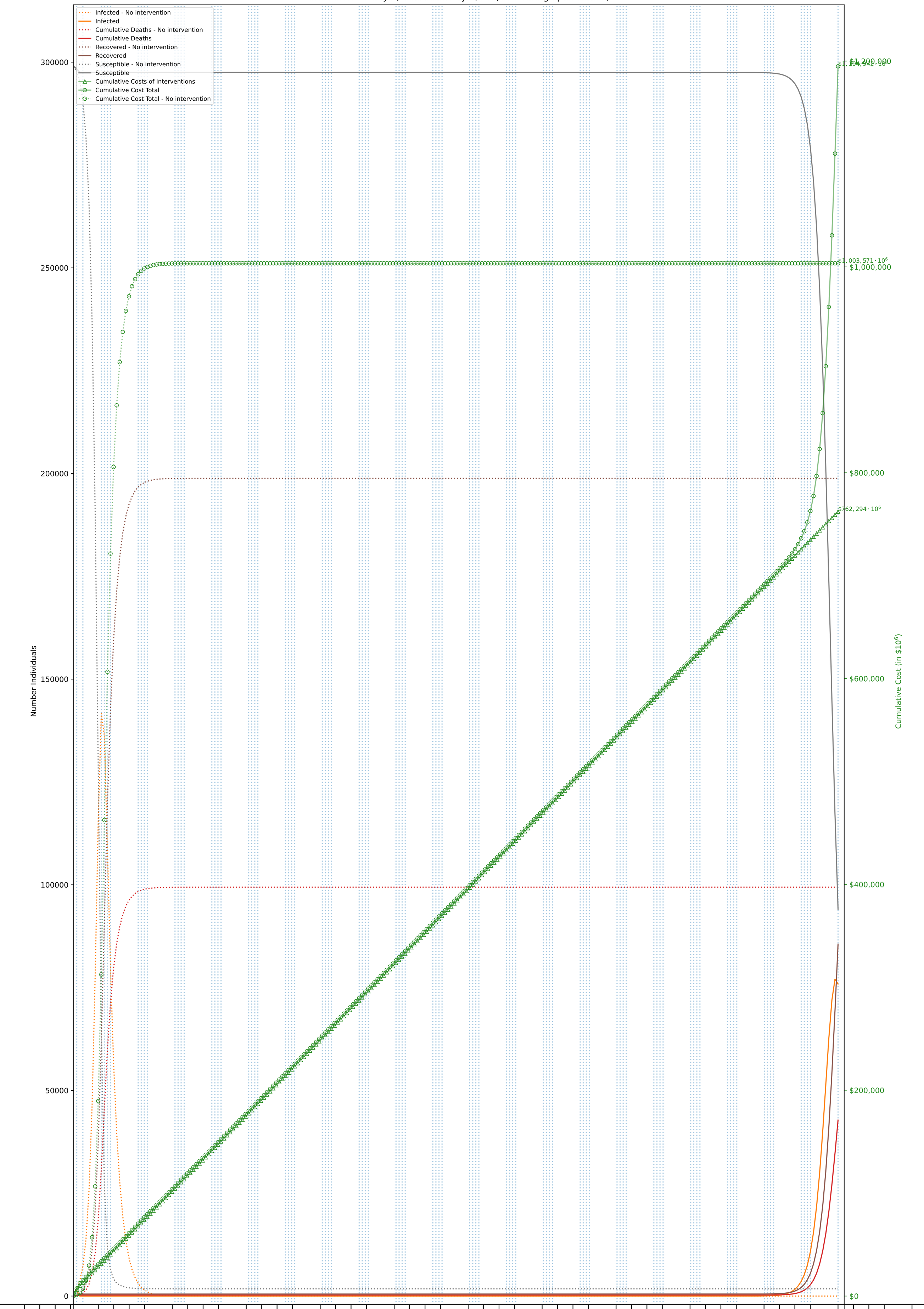
Objective: $1,194,942,749,453; without intervention: $1,003,571,304,682 (Desired optimality gap: 5%; actual: 100%. Time to solve: 1s)

$C^I = \$10,000, C^D = \$10,000,000$

One Period=7 days (costs scaled by 1,000,000 during optimization)



	1-2	3-8	9-9	10-10	11-11	12-20	21-21	22-22	23-23	24-32	33-33	34-34	35-35	36-44	45-45	46-46	47-47	48-56	57-57	58-58	59-59	60-68
0. Movement A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]	2																					
1. Education (University level) A: $\$[0, 0]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.99 ,.95]	2		2				2				2				2				2			
2. Social Gatherings (in a house) A: $\$[0, 0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 12, 14]\cdot 10^2$ P: [.99 ,.99 ,.97 ,.93]	4																					
3. Non-Food Service (bank,retail, etc) A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]	3																					
4. Restaurants A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]	2				2				2				2				2				2	
5. Masking A: $\$[0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]	3																					
6. Mega Events A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]	3																					
7. Border Control A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]	2																					
8. Physical Distancing A: $\$[0]\cdot 10^2$ C: $\$[10]\cdot 10^2$ P: [.93]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	69-69	70-70	71-71	72-80	81-81	82-82	83-83	84-92	93-93	94-94	95-95	96-104	105-105	106-106	107-107	108-116	117-117	118-118	119-119	120-128	129-129	130-130	131-131	132-140
0. Movement A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]																								
1. Education (University level) A: $\$[0, 0]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.99 ,.95]	2				2				2				2				2				2			
2. Social Gatherings (in a house) A: $\$[0, 0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 12, 14]\cdot 10^2$ P: [.99 ,.99 ,.97 ,.93]																								
3. Non-Food Service (bank,retail, etc) A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																								
4. Restaurants A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]			2				2				2				2				2				2	
5. Masking A: $\$[0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																								
6. Mega Events A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																								
7. Border Control A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]																								
8. Physical Distancing A: $\$[0]\cdot 10^2$ C: $\$[10]\cdot 10^2$ P: [.93]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

	141-141	142-142	143-143	144-152	153-153	154-154	155-155	156-164	165-165	166-166	167-167	168-176	177-177	178-178	179-179	180-188	189-189	190-190	191-191	192-200	201-201	202-202	203-203	204-212	213-213	214-214	215-215	216-224	225-225	226-226	227-227	228-236	237-237	238-238	239-239	240-248	249-249
0. Movement A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]																																					
1. Education (University level) A: $\$[0, 0]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.99 ,.95]	2				2				2				2				2				2				2				2				2				2
2. Social Gatherings (in a house) A: $\$[0, 0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 12, 14]\cdot 10^2$ P: [.99 ,.99 ,.97 ,.93]																																					
3. Non-Food Service (bank,retail, etc) A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																																					
4. Restaurants A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]			2				2				2				2				2				2				2				2				2		
5. Masking A: $\$[0, 0, 0]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																																					
6. Mega Events A: $\$[2500, 5000, 10000]\cdot 10^2$ C: $\$[8, 10, 14]\cdot 10^2$ P: [.99 ,.95 ,.93]																																					
7. Border Control A: $\$[5000, 10000]\cdot 10^2$ C: $\$[10, 14]\cdot 10^2$ P: [.95 ,.93]																																					
8. Physical Distancing A: $\$[0]\cdot 10^2$ C: $\$[10]\cdot 10^2$ P: [.93]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1