Objective: $722,666,825,072; without intervention: $1,003,523,874,292 (Desired optimality gap: 5%; actual: 100%. Time to solve: 0s)
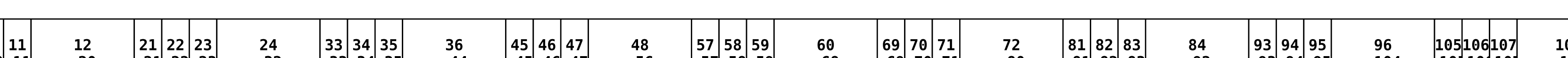$C^I = \$10,000, C^D = \$10,000,000$
One Period=7 days (costs scaled by 1,000,000 during optimization)

Chart legend:
- Infected - No intervention
- Infected
- Cumulative Deaths - No intervention
- Cumulative Deaths
- Recovered - No intervention
- Recovered
- Susceptible - No intervention
- Susceptible
- Cumulative Costs of Interventions
- Cumulative Cost Total
- Cumulative Cost Total - No intervention

Y-axis (left): Number Individuals — 0, 50000, 100000, 150000, 200000, 250000, 300000
Y-axis (right): Cumulative Cost (in $10⁶) — $0, $200,000, $400,000, $600,000, $800,000, $1,000,000
X-axis: Period — 0 1 3 9 11 20 22 24 33 35 40 45 47 57 60 69 71 80 82 84 93 95 100 105 108 117 120

Chart annotations: $1,003,523·10⁶; $1,000,000; $722,666·10⁶; $366,022·10⁶

	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	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
0. Movement A: $[500 ,1000]·10² C: $[10 ,14]·10² P: [.93 ,.9]	2																																								
1. Education (University level) A: $[0 ,0]·10² C: $[10 ,14]·10² P: [.99 ,.93]	2		2			2					2				2				2				2				2				2				2				2		
2. Social Gatherings (in a house) A: $[0 ,0 ,0 ,0]·10² C: $[8 ,10 ,12 ,14]·10² P: [.99 ,.97 ,.95 ,.9]	4																																								
3. Non-Food Service (bank,retail, etc) A: $[250 ,500 ,1000]·10² C: $[8 ,10 ,14]·10² P: [.99 ,.93 ,.9]	3																																								
4. Restaurants A: $[500 ,1000]·10² C: $[10 ,14]·10² P: [.93 ,.9]	2				2				2				2				2				2				2				2				2				2				2
5. Masking A: $[0 ,0 ,0]·10² C: $[8 ,10 ,14]·10² P: [.99 ,.93 ,.9]	3																																								
6. Mega Events A: $[250 ,500 ,1000]·10² C: $[8 ,10 ,14]·10² P: [.99 ,.93 ,.9]	3																																								
7. Border Control A: $[500 ,1000]·10² C: $[10 ,14]·10² P: [.93 ,.9]	2																																								
8. Physical Distancing A: $[0]·10² C: $[10]·10² P: [.9]	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	1	1	1	1
Cost Per Period: TOTAL / POLICY / DISEASE / Probability Factor	$3.0e $3.7e+09 $1.2e.0 0.390	$3e+09 $3e+09 $0.0 0.526	$3.1e $3.1e $0.0 0.50	$3.1e $3.1e $0.0 0.52	$3.1e $3.1e $0.0 0.51	$3e+09 $3e+09 $0.0 0.526																													$5.7e $5.7e $7.7e 0.50	$6.5e $6.5e $3.1e 0.52	$7.7e $7.4e+08 $5.1e 0.51	$2.3e+10 $1.6e+08 $2e+10 0.526	$5.1e $5.1e $5.9e+10 0.50	$5.3e $4.3e+08 $3.2e+09 0.52	$5.9e+10 $1.6e+10 $6.6e+10 0.51