

PathoGen – Run 1.1 [COVID-19 (wild type)]						9/3/2022, 10:56:00 PM	
Day	Susceptible	Exposed	Infected	Recovered	Vaccinated	Deceased	
1	990	10	0	0	0	0	0
2	990	10	0	0	0	0	0
3	990	10	0	0	0	0	0
4	990	10	0	0	0	0	0
5	990	10	0	0	0	0	0
6	990	10	0	0	0	0	0
7	986	4	10	0	0	0	0
8	984	6	10	0	0	0	0
9	982	8	10	0	0	0	0
10	980	10	10	0	0	0	0
11	977	13	10	0	0	0	0
12	976	14	10	0	0	0	0
13	972	14	14	0	0	0	0
14	967	17	16	0	0	0	0
15	961	21	18	0	0	0	0
16	957	23	19	0	0	0	1
17	952	25	22	0	0	0	1
18	946	30	23	0	0	0	1
19	936	36	27	0	0	0	1
20	930	37	22	10	0	0	1
21	923	38	28	10	0	0	1
22	916	41	32	10	0	0	1
23	906	46	36	10	0	0	2
24	894	52	42	10	0	0	2
25	881	55	52	10	0	0	2
26	869	61	53	14	0	0	3
27	856	67	59	15	0	0	3
28	847	69	64	17	0	0	3
29	832	74	72	19	0	0	3
30	814	80	80	22	0	0	4
31	790	91	92	23	0	0	4
32	766	103	102	25	0	0	4
33	738	118	109	30	0	0	5
34	715	132	112	36	0	0	5
35	694	138	123	40	0	0	5
36	673	141	136	45	0	0	5
37	655	135	153	51	0	0	6
38	624	142	166	61	0	0	7
39	603	135	187	67	0	0	8
40	575	140	204	73	0	0	8
41	538	156	218	80	0	0	8
42	503	170	230	89	0	0	8
43	478	177	235	101	0	0	9
44	442	182	252	113	0	0	11
45	415	188	261	125	0	0	11
46	386	189	274	138	0	0	13
47	362	176	302	146	0	0	14
48	336	167	322	161	0	0	14
49	317	161	328	179	0	0	15
50	290	152	338	203	0	0	17
51	258	157	340	224	0	0	21
52	238	148	341	251	0	0	22
53	220	142	341	273	0	0	24
54	205	131	346	294	0	0	24

55	185	132	344	312	0	27
56	169	121	350	329	0	31
57	154	104	349	359	0	34
58	139	99	348	378	0	36
59	125	95	340	403	0	37
60	118	87	321	437	0	37
61	106	79	307	471	0	37
62	100	69	296	496	0	39
63	93	61	275	530	0	41
64	86	53	265	554	0	42
65	83	42	253	579	0	43
66	77	41	237	600	0	45
67	71	35	222	625	0	47
68	69	31	210	643	0	47
69	67	26	189	669	0	49
70	60	26	161	701	0	52
71	58	25	147	718	0	52
72	56	21	136	734	0	53
73	54	17	128	748	0	53
74	54	15	111	767	0	53
75	54	13	96	783	0	54
76	52	8	90	796	0	54
77	50	8	78	810	0	54
78	50	6	66	823	0	55
79	50	4	60	830	0	56
80	50	4	48	842	0	56
81	49	5	42	848	0	56
82	48	4	38	854	0	56
83	48	2	33	861	0	56
84	48	2	30	864	0	56
85	48	2	24	870	0	56
86	48	2	19	874	0	57
87	48	1	19	875	0	57
88	48	0	18	877	0	57
89	47	1	11	884	0	57
90	47	1	10	885	0	57
91	47	1	8	887	0	57
92	47	1	6	889	0	57
93	47	1	6	889	0	57
94	47	1	6	889	0	57
95	47	0	5	891	0	57
96	47	0	3	893	0	57
97	47	0	3	893	0	57
98	47	0	3	893	0	57
99	47	0	3	893	0	57
100	47	0	2	894	0	57

Results						
Population		1000	Infection size (%)			95.3
Exposed at start		10	Total vaccinations			0
Once infected		953	Single vaccinations			0
Once reinfected		0	Multiple vaccinations			0
Multiple reinfected		0	Mortality rate (%)			6.0