

Appendix Table 1. Outcomes of mild epidemics (PSI 1–2)*

Outcome	No. epidemics/100 simulations						Infection rate					Peak illness rate				
	97.2						0.496					0.084				
	Unmitigated base case	Rescinding threshold					Cont	Rescinding threshold				Cont	Rescinding threshold			
Cont		0	1	2	3	0		1	2	3	0		1	2	3	
Child sequestering																
% Compliance																
90	75	77	81	88	93	0.020	0.021	0.024	0.039	0.069	0.004	0.004	0.004	0.004	0.006	
80	76	86	91	91	97	0.028	0.028	0.034	0.064	0.089	0.004	0.004	0.004	0.005	0.007	
70	86	90	90	91	98	0.039	0.040	0.054	0.083	0.113	0.005	0.005	0.005	0.006	0.008	
60	87	88	89	96	99	0.053	0.058	0.079	0.100	0.144	0.005	0.005	0.006	0.007	0.008	
50	93	92	96	94	97	0.100	0.096	0.103	0.135	0.171	0.008	0.007	0.008	0.008	0.010	
Community sequestering																
% Compliance																
90	65	50	61	75	89	0.016	0.017	0.020	0.027	0.036	0.00	0.00	0.00	0.00	0.01	
80	78	76	82	90	92	0.019	0.021	0.029	0.041	0.065	0.00	0.00	0.00	0.01	0.01	
70	82	83	84	93	94	0.025	0.026	0.035	0.057	0.100	0.00	0.00	0.00	0.01	0.01	
60	89	94	92	92	100	0.037	0.038	0.051	0.078	0.116	0.01	0.00	0.01	0.01	0.01	
50	96	90	96	94	95	0.061	0.067	0.078	0.115	0.147	0.01	0.01	0.01	0.01	0.01	
Average no. cycles																
Adult days at home																
Average duration of strategy, d																
0																
2																
0																
Unmitigated base case	Rescinding threshold					Cont	Rescinding threshold				Cont	Rescinding threshold				
	Cont	0	1	2	3		0	1	2	3		0	1	2	3	
Child sequestering																
% Compliance																
90	1	1.06	1.64	2.86	5.75	12	9	9	11	15	54	40†	38†	47	64	
80	1	1.05	1.48	3.48	5.43	15	11	11	17	18	66	49†	50	73	78	
70	1	1.08	1.8	3.67	5.58	17	14	17	22	22	78	64†	74	97	96	
60	1	1.08	1.96	3.49	6.37	20	18	22	24	28	92	83†	98	106	119	
50	1	1.07	1.76	3.38	6.20	26	25	24	28	31	123	113†	108	125	131	
Community sequestering																
% Compliance																
90	1	1.1	1.52	2.19	3.22	43	29	28	29	29	47	32†	32	32	33	
80	1	1.05	1.68	2.72	4.95	41	28	35	39	47	51	36†	44	49	59	
70	1	1.06	1.68	3.16	6.56	44	33	37	48	63	62	47†	52	68	89	
60	1	1.04	1.62	3.43	6.45	47	36	41	53	61	78	61†	68	88	101	
50	1	1.04	1.81	3.49	6.36	50	45	48	55	62	100	90†	96	110	124	

*PSI, pandemic severity index; rescinding threshold, strategy ends when 0, 1, 2, or 3 new cases occur in 7 days (2× the generation time of influenza); Cont, strategy continuation for the duration of the epidemic. Values in **boldface** meet targets in the Table. Averages are for 100 simulations.

†Meets all 6 targets in the Table superimposed on shortest duration of strategies.