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

<table>
<thead>
<tr>
<th>Outcome</th>
<th>No. epidemics/100 simulations</th>
<th>Infection rate</th>
<th>Peak illness rate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>97.2</td>
<td>0.496</td>
</tr>
<tr>
<td></td>
<td>Rescinding threshold</td>
<td>0.021</td>
<td>0.084</td>
</tr>
<tr>
<td>Unmitigated base case</td>
<td>Cont 0 1 2 3</td>
<td>Cont 0 1 2 3</td>
<td>Cont 0 1 2 3</td>
</tr>
</tbody>
</table>

**Child sequestering**

<table>
<thead>
<tr>
<th>% Compliance</th>
<th>No. epidemics/100 simulations</th>
<th>Infection rate</th>
<th>Peak illness rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>75 77 81 88 93</td>
<td>0.020</td>
<td>0.069</td>
</tr>
<tr>
<td>80</td>
<td>76 86 91 97</td>
<td>0.028</td>
<td>0.089</td>
</tr>
<tr>
<td>70</td>
<td>86 90 91 98</td>
<td>0.039</td>
<td>0.113</td>
</tr>
<tr>
<td>60</td>
<td>87 88 89 96</td>
<td>0.053</td>
<td>0.144</td>
</tr>
<tr>
<td>50</td>
<td>93 92 96 97</td>
<td>0.100</td>
<td>0.171</td>
</tr>
</tbody>
</table>

**Community sequestering**

<table>
<thead>
<tr>
<th>% Compliance</th>
<th>No. epidemics/100 simulations</th>
<th>Infection rate</th>
<th>Peak illness rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>65 50 61 75 89</td>
<td>0.016</td>
<td>0.036</td>
</tr>
<tr>
<td>80</td>
<td>78 76 82 90 92</td>
<td>0.019</td>
<td>0.065</td>
</tr>
<tr>
<td>70</td>
<td>82 83 84 93 94</td>
<td>0.025</td>
<td>0.100</td>
</tr>
<tr>
<td>60</td>
<td>89 94 92 92 100</td>
<td>0.037</td>
<td>0.116</td>
</tr>
<tr>
<td>50</td>
<td>96 90 96 94 95</td>
<td>0.061</td>
<td>0.115</td>
</tr>
</tbody>
</table>

### Outcome

<table>
<thead>
<tr>
<th>Unmitigated base case</th>
<th>Rescinding threshold</th>
<th>Adult days at home</th>
<th>Average duration of strategy, d</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cont 0 1 2 3</td>
<td>Cont 0 1 2 3</td>
<td>0 2</td>
<td></td>
</tr>
</tbody>
</table>

**Child sequestering**

<table>
<thead>
<tr>
<th>% Compliance</th>
<th>No. epidemics/100 simulations</th>
<th>Infection rate</th>
<th>Peak illness rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>1 1.06 1.64 2.86 5.75</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>80</td>
<td>1 1.05 1.48 3.48 5.43</td>
<td>15</td>
<td>18</td>
</tr>
<tr>
<td>70</td>
<td>1 1.08 1.8 3.67 5.58</td>
<td>17</td>
<td>22</td>
</tr>
<tr>
<td>60</td>
<td>1 1.08 1.96 3.49 6.37</td>
<td>20</td>
<td>28</td>
</tr>
<tr>
<td>50</td>
<td>1 1.07 1.76 3.38 6.20</td>
<td>26</td>
<td>31</td>
</tr>
</tbody>
</table>

**Community sequestering**

<table>
<thead>
<tr>
<th>% Compliance</th>
<th>No. epidemics/100 simulations</th>
<th>Infection rate</th>
<th>Peak illness rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>1 1.1 1.52 2.19 3.22</td>
<td>43</td>
<td>47</td>
</tr>
<tr>
<td>80</td>
<td>1 1.05 1.68 2.72 4.95</td>
<td>41</td>
<td>47</td>
</tr>
<tr>
<td>70</td>
<td>1 1.06 1.68 3.16 6.56</td>
<td>44</td>
<td>63</td>
</tr>
<tr>
<td>60</td>
<td>1 1.04 1.62 3.43 6.45</td>
<td>47</td>
<td>61</td>
</tr>
<tr>
<td>50</td>
<td>1 1.04 1.81 3.49 6.36</td>
<td>50</td>
<td>62</td>
</tr>
</tbody>
</table>

*PSI, pandemic severity index; rescinding threshold, strategy ends when 0, 1, 2, or 3 new cases occur in 7 days (2x 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.