

<i>Peak height: cases</i>	Cocoon, isolation, leisure -75%	2370K (1870-3690)
<i>Peak height: icu</i>	Base	55900 (29900-72900)
<i>Peak height: icu</i>	Ban spectator sports	55400 (30000-72800)
<i>Peak height: icu</i>	Cocoon, isolation	21300 (14800-37300)
<i>Peak height: icu</i>	Cocoon, isolation, leisure -75%	21700 (15400-27400)
<i>Total: cases</i>	Base	26400K (22100-28400)
<i>Total: cases</i>	Ban spectator sports	26400K (22100-28400)
<i>Total: cases</i>	Cocoon, isolation	20500K (19100-24200)
<i>Total: cases</i>	Cocoon, isolation, leisure -75%	20600K (19400-21200)
<i>Total: icu</i>	Base	287000 (226000-325000)
<i>Total: icu</i>	Ban spectator sports	286000 (225000-326000)
<i>Total: icu</i>	Cocoon, isolation	165000 (157000-197000)
<i>Total: icu</i>	Cocoon, isolation, leisure -75%	175000 (157000-192000)

Discussion

Banning sporting events has a negligible impact on the epidemic. Reducing all leisure contact, which mainly occurs in pubs/bars, restaurants and cinemas would have a much larger (though still modest) impact on the epidemic. Many individuals are likely to choose to avoid such settings anyway, as they perceive them to be risky (Sadique et al. 2007)

References

Mossong J, Hens N, Jit M, Beutels P, Auranen K, Mikolajczyk R, Massari M, Salmaso S, Tomba GS, Wallinga J, Heijne J, Sadkowska-Todys M, Rosinska M, Edmunds WJ. Social contacts and mixing patterns relevant to the spread of infectious diseases. PLoS Med. 2008 Mar 25;5(3):e74.

Sadique MZ, Edmunds WJ, Smith RD, Meerdling WJ, de Zwart O, Brug J, Beutels P. Precautionary behavior in response to perceived threat of pandemic influenza. Emerg Infect Dis. 2007 Sep;13(9):1307-13.