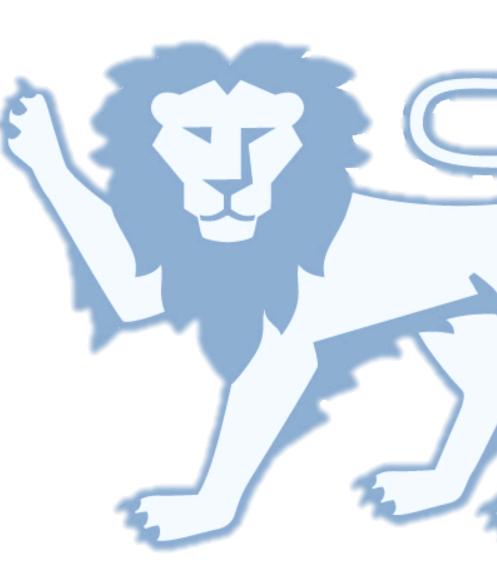


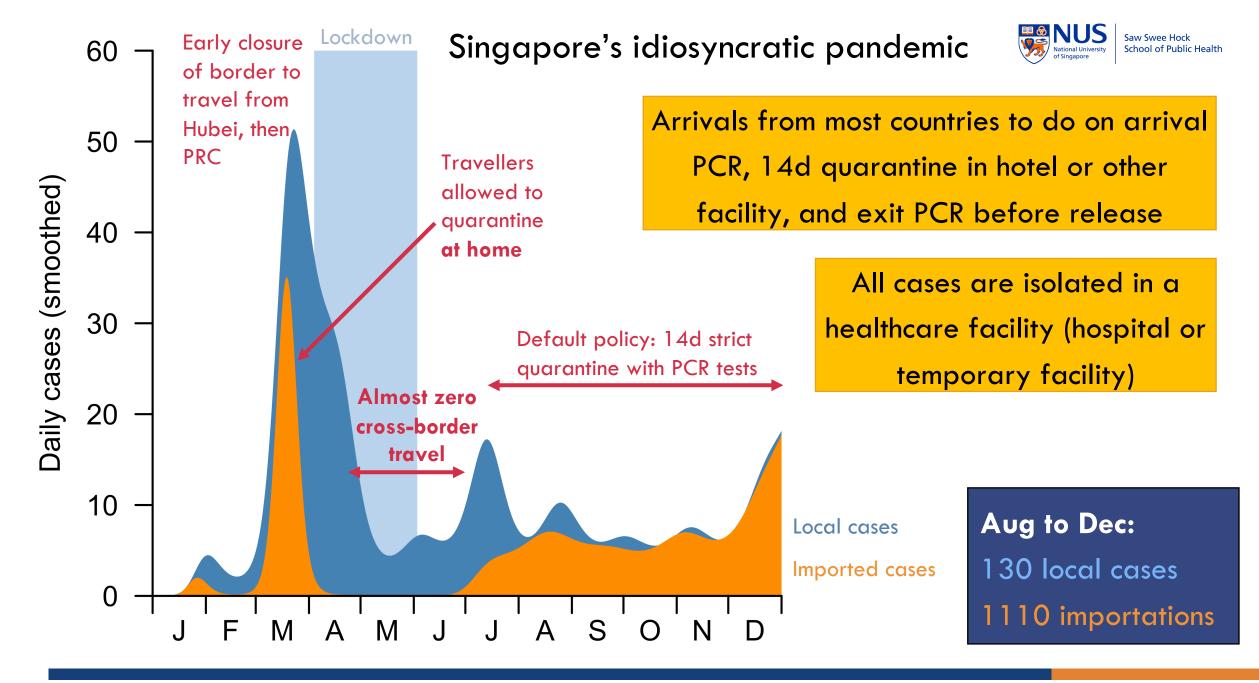
Closing and reopening borders in response to COVID-19

Alex R Cook

Associate Professor and Vice Dean (Research)

Turning Discovery into Healthier Communities



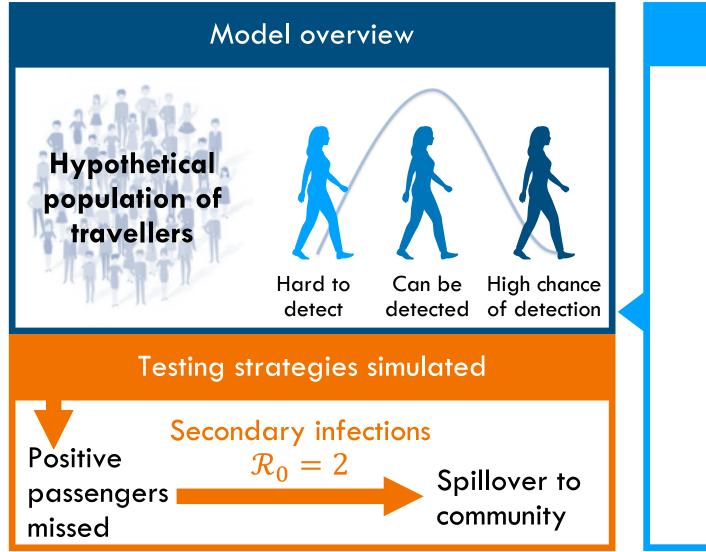


Turning Discovery into Healthier Communities

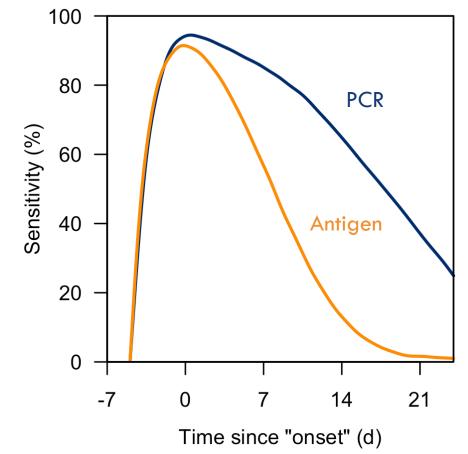
Infections among foreign workers not shown: the numbers are just too large

Impact of border control





Key parameter: sensitivity



Impact of border control

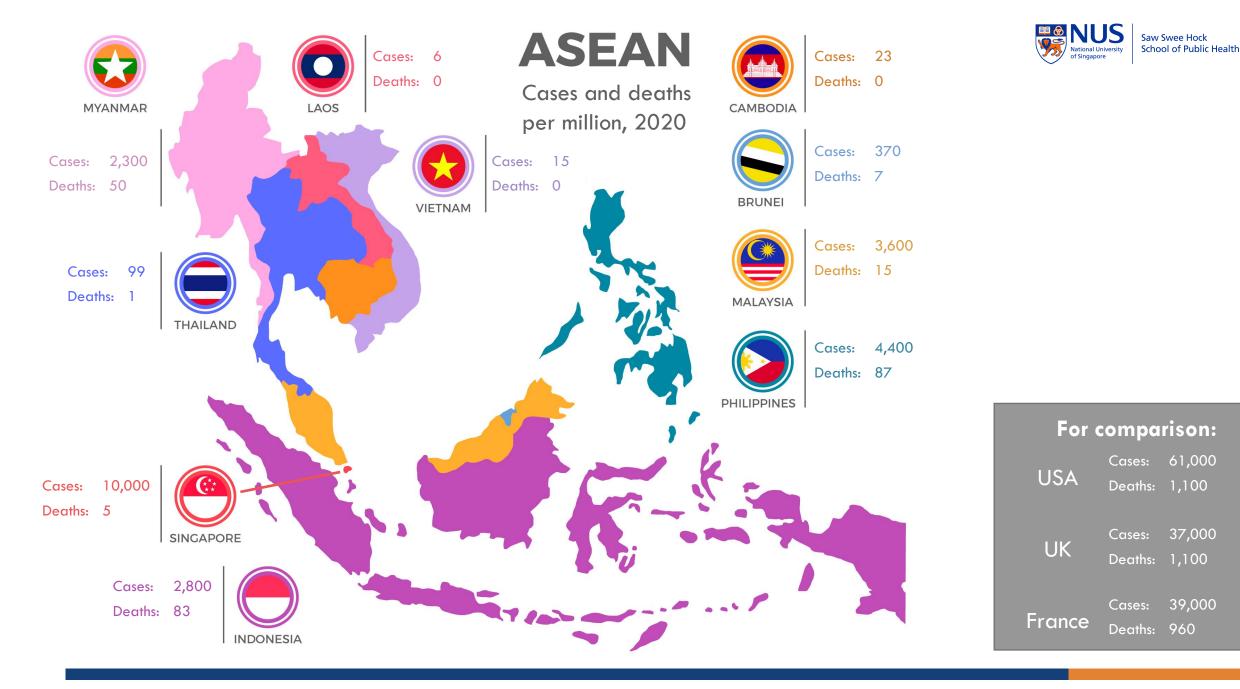


		Infected travellers (/ 10 000)	200		50	
On arrival			Ζ			
PCR	Quarantine	% missed	misse			
Quarantine exit PCR			d			
	3d	17%	33			
	7d	7%	15			
	10d	4%	7		2	
Turning Discovery into Healthier	14d	2%	3 Preve	alence2s of i	nfectidn with	in theQast 14

Impact of border control



			Prevalence	2%	1%	0.5%	0.15%	
			Infected travellers (/ 10 000)	200	100	50	15	
	On arrival			Ν				
	 Antigen Quarantine exit Antigen 	Quarantine	% missed	misse d				
				S.				
		3d	17%	34	17	9	3	
		7d	8%	15	8	4	1	
		10d	4%	8	4	2	1	
	Turning Discovery into Healthier	14d	2%	5Preve	alence2s of i	nfectidn with	in the Q ast 14	4d



Turning Discovery into Healthier Communities

image derived from original by freepik www.freepik.com/vectors/travel