Date: 13 F	ebruary 2020
Author:	NR
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### CHAIR'S BRIEF – SAGE meeting #7 on Wuhan Coronavirus (COVID-19)

### Logistics

- 13 February 2020, 1130 12:40
- 10 Victoria Street, Web-Helix

### Meeting objectives

- · Review SPI-M advice on measures to limit spread
- Understand how behavioural science principles can inform HMG policy

### Handling

- You should take a firm approach to who speaks at SAGE and explain at the start of each meeting that you are only expecting to hear from participants whose names you read out. Anyone else needs to table a guestion or comment via Whatsapp.
- The WHO have named this disease as COVID-19, and we will now be adopting this terminology.
- We are intending to move to a battle rhythm of 2 SAGE meetings a week, at fixed time slots on Tuesday and Thursday mornings, to align with cross government activity. This will support cross Government planning and we have the flexibility to cancel the Thursday meeting if it is not needed.

#### **Annexes**

Annex A: Annotated agenda

Annex B: Attendees

Annex C: Situation update

Annex D: papers:

SPI-M paper on interventions to limit spread

SPI-M paper on school closures

Copied to GO-S SLT, GO-S Resilience, NR

# Annex A: AGENDA, Wuhan Coronavirus (COVID-19)

# SAGE meeting #7, 13 February 2020, 11:30-12:40

Time	Agenda Item	Lead
1130	1. Introduction	GCSA
	Handling: To improve discussion, you should make clear who is an active participant at the meeting. Everyone else should be treated as an observer – but, if they have questions, they can message the SAGE secretariat  Points to make:  • Everyone dialling in to go on mute – please check you're on mute NOW  • If you are not an active participant in this meeting and wish to ask a question, send your name via WhatsApp to the Secretariat or l&s  • I have the key participants as follows: in the room and	
	<ul> <li>on the phone (See annex A)</li> <li>By attending this meeting, you agree to treat the discussion as confidential and not discuss the contents externally. You may continue to speak to the media as an independent expert but not as a SAGE participant.</li> </ul>	
	<ul> <li>Moving forward, SAGE will likely move to a twice weekly battle rhythm. We will try and keep this at a regular slot, where possible, and the SAGE secretariat will update you on this.</li> </ul>	
	<ul> <li>Invite (SAGE sec) to list actions from previous meetings, inviting yes/no response as to whether they're in hand.</li> </ul>	SAGE Sec
1135	2. Situation update	
	Handling: for speed, you should announce – for the record – the latest case and mortality numbers for China, Rest of the World, UK:	GCSA
	As of 12 February 2020 (from DHSC daily sitrep): - China: 44,653 cases, 1113 deaths - Rest of World (including UK): 518 cases, 2 deaths - UK (excluding UK nationals overseas): 8 cases, 0 deaths	
1140	Measures to limit spread	
	Handling:	
	<ul> <li>Anything which cannot be answered at the meeting can be commissioned for future meetings as an action.</li> <li>Seek Brooke and James' views on what the public behaviour in response to these interventions could be.</li> <li>Ask Graham to clarify where there was consensus in SPI-M and where there was not.</li> </ul>	
	Questions:	

	<ul> <li>Ask SPI-M to summarise measures it has reviewed to limit spread</li> <li>What would be the impact of closing schools in different outbreak scenarios?</li> <li>What triggers would prompt discussion as to whether schools should close?</li> <li>What measures could be used to limit spread in the workplace?</li> <li>What is the optimal time to implement these measures during an epidemic?</li> <li>Commission:</li> <li>SPI-M to model the impact of measures to limit spread in the workplace, including what is the optimal time to implement these measures.</li> </ul>	Graham Medley
	<ul> <li>Could restrictions on public gatherings and transport hubs manage virus spread in UK? If so, what is the optimal time to impose such measures?</li> <li>Can a combination of measures delay spread of WN-CoV in the UK by 1 month?</li> </ul>	
1200	<ul> <li>4. Risk in prisons</li> <li>Handling: We have been asked to focus on prisons, but you should ask the participants to consider how similar principles could apply to similar institutions, such as care homes.</li> <li>What is the risk of the virus spreading in prisons?</li> </ul>	Peter Horby, Neil Ferguson, John Edmunds
	<ul> <li>What can be done to minimise further spread?</li> </ul>	
1210	5. Behavioural Science  Handling: There are likely to be many detailed questions that require behavioural science input, such as around handling of excess deaths and burial practises. We suggest that SAGE considers the detailed questions at a later date	James Rubin, Brooke Rodgers, Laura de Moliere
	<ul> <li>How do the public behave when there is a perceived risk of a forthcoming epidemic?</li> <li>How do the public behave during an epidemic?</li> </ul>	
	<ul> <li>What causes a change in public behaviour during epidemic? For example, if HMG advice on isolation changes.</li> <li>How might different UK social groups behave in the event</li> </ul>	
	<ul> <li>of a UK epidemic?</li> <li>What public behaviours should be encouraged during an epidemic?</li> </ul>	
	<ul> <li>How do we optimise these public behaviours during an epidemic?</li> </ul>	
	<ul> <li>How will the public behave if different sectors are receiving different public health messaging?</li> </ul>	
1230	Summary and next steps     SAGE Secretariat to summarise actions	GCSA

## ANNEX B – Attendees

Name	Organisation	Role	Location	Confirmed	
Patrick	GO-Science	GCSA	Person	Y	
Vallance	GO-Science	GCSA	r erson		
Chris Whitty	DHSC	СМО	Person	Υ	
Jonathan Van Tam	DHSC	Deputy CMO	Person	Y	
Charlotte Watts	DFID	CSA	Person	Y	
Kavitha Kishen	DFT	Deputy CSA	Person	Υ	
John Aston	НО	CSA	Person	Υ	
Alaster Smith	DfE	deputy CSA	Phone	Υ	
Peter Horby	Oxford	Chair of NERVTAG	Person	Υ	
Maria Zambon	PHE	NERVTAG	Phone	Υ	
Graham Medley	LSHTM	Chair of SPI-M	Person	Y	
Neil Ferguson	Imperial	NERVTAG and SPI-M	Person	Υ	
John Edmunds	LSHTM	NERVTAG and SPI-M	Person	Υ	
Jeremy Farrar	Wellcome	CEO	Phone	Tentative	
Sharon Peacock	PHE	Director of national infections service	Person	Y	
Andrew Rambaut	Edinburgh	Virology	Phone	Tentative	
Brooke Rogers	KCL	Behavioural Science	Person	Υ	
James Rubin	Kings	Behavioural Science	Person	Υ	
Laura de Moliere	со	Head of Behavioural Science	Person	Y	
Meera Chand	PHE	Epidemiologist	Person	Υ	
Gavin Dabrera	PHE	Epidemiologist	Person	Υ	
Kate Thomas	DHSC	Comms	-	-	
Rupert Bailie	MOJ	HMPPS	Person	Υ	

# ANNEX C – Situation update (at 12 February 2020)

Country	Confirmed cases	Overnight change	Fatalities	Overnight change	Country	Confirmed cases	Overnight change	: Fatalities	Overnight change
Mainland China	44,653	+2015	1113	+97	United Arab Emirates	8	0	0	0
Cases on cruise ships (Japan)	175*	+40	0	0	United Kingdom	8	0	0	0
Singapore	47	+2	0	0	Canada	7	0	0	0
Hong Kong SAR	49	+7	1	0	India	3	0	0	0
Thailand	33	+1	0	0	Italy	3	0	0	0
Republic of Korea	28	0	0	0	Philippines	3	0	1	0
Japan	28	+2	0	0	Russia	2	0	0	0
Malaysia	18	0	0	0	Spain	2‡	0	0	0
Taiwan	18	0	0	0	Belgium	1	0	0	0
Australia	15	0	0	0	Cambodia	1	0	0	0
Viet Nam	15	0	0	0	Finland	1	0	0	0
Germany	16	+2	0	0	Nepal	1	0	0	0
United States of America	13	0	0	0	Sri Lanka	1	0	0	0
France	11 <sup>†</sup>	0	0	0	Sweden	1	0	0	0
Macau SAR	10	0	0	0	Total	45,171	+2,069	1,115	+97