

Message

From: Armstrong, Gillian (DoH) [/O=NIGOV/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=AF9E08CD60BB45E8BE5553D2FCE04A80-GILLIAN ARMSTRONG]
Sent: 10/02/2020 11:38:14
To: DoH Health Gold Ops Cell [healthgold.opscell@health-ni.gov.uk]; [NR]@health-ni.gov.uk; Beattie, Carol [carol.beattie@health-ni.gov.uk]; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk; Chada, Naresh [naresh.chada@health-ni.gov.uk]; [NR]@health-ni.gov.uk; Collins, Gerard [gerard.collins@health-ni.gov.uk]; [NR]@health-ni.gov.uk; DoH Health Gold Chief of Staff [healthgold.chiefstaff@health-ni.gov.uk]; [NR]@health-ni.gov.uk; Gordon, David [david.gordon@health-ni.gov.uk]; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk; McBride, Michael [michael.mcbride@health-ni.gov.uk]; [NR]@health-ni.gov.uk; McMahon, Nigel [nigel.mcmahon@health-ni.gov.uk]; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk
Subject: RE: [External] Re: SPI-M-O Novel Coronavirus (confirmed) *official sensitive*
Flag: Flag for follow up

Please note these are preliminary forecasts, and a work in progress. Will be updated as new information emerges.

Other potentially useful piece of information is that epidemic duration estimated at about 3 months.

From: DoH Health Gold Ops Cell
Sent: 10 February 2020 11:35

[See recipients listed above]

Subject: FW: [External] Re: SPI-M-O Novel Coronavirus (confirmed) *official sensitive*

Colleagues – please see advice below

From: Armstrong, Gillian (DoH)
Sent: 10 February 2020 11:32
To: DoH Health Gold Ops Cell <healthgold.opscell@health-ni.gov.uk>; [NR] (DoH); [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk; [NR]@health-ni.gov.uk
Subject: FW: [External] Re: SPI-M-O Novel Coronavirus (confirmed) *official sensitive*

FYI
Modelling from SPI-M – estimate epidemic will peak in Wuhan in 2-4 weeks time, rest of China 1 month later, and UK about 2 months later.

i.e. the UK is currently at the same stage as Wuhan was in early December 2019, and nCoV may peak in UK end April/early May.

From: Ferguson, Neil M [<mailto:neil.ferguson@imperial.ac.uk>]

Sent: 10 February 2020 11:27

To: John Edmunds <John.Edmunds@I&S>; Chris Jewell <c.jewell@I&S>; Read, Jonathan <jonathan.read@I&S>; SPI-M <SPI-M@dhsc.gov.uk>

Cc: NR <NR@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; Allen, Paul <Paul.Allen@dhsc.gov.uk>; Van Tam, Jonathan <Jonathan.VanTam@dhsc.gov.uk>; Graham Medley <Graham.Medley@I&S>; Keeling, Matt <PD@phe.gov.uk>; Ian Hall <ian.hall@I&S>; NR <NR@phe.gov.uk>; pjb51@I&S <pjb51@I&S>; NR <NR@phe.gov.uk>; NR <NR@phe.gov.uk>; Daniela De Angelis <daniela.deangelis@I&S>; Chris.robertson@I&S <Chris.robertson@I&S>; NR <NR@phe.gov.uk>; Riley, Steven <s.riley@I&S>; Baguelin, Marc J M <m.baguelin@I&S>; Birrell, Paul <paul.birrell@I&S>; PD <PD@phe.gov.uk>; NR <NR@phe.gov.uk>; Mark Woolhouse <Mark.Woolhouse@I&S>; I&S <I&S@dhsc.gov.uk>; Cavanagh, Cheryl <cheryl.cavanagh@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; Dodds, Kevin <Kevin.Dodds@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; NR <NR@dhsc.gov.uk>; Gillian.Armstrong@health-ni.gsi.gov.uk; Marion.Lyons@gov.wales; NR <NR@gov.scot>; NR <NR@nhs.net>; Brett, Stephen <stephen.brett@I&S>; NR <NR@dhsc.gov.uk>; NR <NR@ggc.scot.nhs.uk>; NR <NR@gov.scot>; NR <NR@phe.gov.uk>; WN-CoVspoc <WN-CoVspoc@dhsc.gov.uk>; NR <NR@gov.scot>; NR <NR@phe.gov.uk>; David.OConnor@fco.gov.uk; jim.mcmenamain@nhs.net; Julia Gog <jrg20@I&S>

Subject: RE: [External] Re: SPI-M-O Novel Coronavirus (confirmed)

As we circulated to SAGE last week, we come up with similar estimates on peak timing in Wuhan/Hubei to those from LSHTM. Depending on the prevalence/incidence estimate used (repatriation flight prevalence vs traveller incidence), and the uncertainty in generation time and population susceptibility, the epidemic there is likely to peak in 2-4 weeks' time. We estimate the rest of China is around ~1 month behind, and the UK perhaps 2 months. i.e. the UK is currently at the same stage as Wuhan was in early December 2019.

As for Chinese official reports, this shows cumulative cases and deaths by report date in Hubei: