

Message

---

**From:** Orford, Rob (TAC – Technical Advisory Cell) [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7D38A628177A448789839F37A51FAF75-ORFORD, ROB]  
**Sent:** 09/12/2020 4:08:22 PM  
**To:** Atherton, Frank (HSS - Chief Medical Officer) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7f89dd16eea4492188440f6fb67d90a2-Atherton, F]; Bennee, Fliss (TAC – Technical Advisory Cell) [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed2228a6288d494f8d8a289c9042fd3c-Bennee, Fliss]  
**Subject:** RE: COVID-19 Doubling time and Rt estimates -09 Dec 2020

The national Rt 1.4 is consistent with the modelling (the high background scenario). The regional Rt values of 1.5 and short doubling times are not good – if these cases convert to admissions we have serious problems. We may want to start remodelling with higher background Rt scenarios

We haven't started to see any impact of being in tier 3 yet – I will check with KAS on mobility data.

The deteriorating picture though makes our new RWC more reasonable.

One note of caution – more people may be infectious, but more people may be coming forward with symptoms as they don't want to be ill over Christmas...(I am not confident that this is true) we need to do some cross check with ONS figures (but they are lagged by two weeks).

I've heard of people saying they will get a test before Christmas, so the data might go a bit wobbly next week....! There is an argument for a household 5 day period of isolation, then a LFD for all family members – I suspect this would not be something that could be achieved in the time available.

Rob

---

**From:** Atherton, Frank (HSS - Chief Medical Officer) <Frank.Atherton@gov.wales>  
**Sent:** 09 December 2020 15:54  
**To:** Orford, Rob (TAC – Technical Advisory Cell) <Rob.Orford@gov.wales>; Bennee, Fliss (TAC – Technical Advisory Cell) <Fliss.Bennee@gov.wales>  
**Subject:** RE: COVID-19 Doubling time and Rt estimates -09 Dec 2020

How does this sit with the overall assessment of Rt via TAG?

F

---

**From:** Lyons, Marion (DHSS - DHP - Public Health) <[Marion.Lyons@gov.wales](mailto:Marion.Lyons@gov.wales)>  
**Sent:** 09 December 2020 15:49  
**To:** Atherton, Frank (HSS - Chief Medical Officer) <[Frank.Atherton@gov.wales](mailto:Frank.Atherton@gov.wales)>  
**Subject:** FW: COVID-19 Doubling time and Rt estimates -09 Dec 2020  
**Importance:** High

Dear Frank,

Please see current Rt for Wales and doubling time which is quite worrying.

Best wishes  
Marion

**From:** Giri Shankar (Public Health Wales - No. 2 Capital Quarter) <[Giri.Shankar@wales.nhs.uk](mailto:Giri.Shankar@wales.nhs.uk)>

**Sent:** 09 December 2020 15:32

**To:** [redacted] (HSS - DHP Public Health) [redacted] Lyons, Marion (DHSS - DHP - Public Health) <[Marion.Lyons@gov.wales](mailto:Marion.Lyons@gov.wales)>; [redacted] (HSS - DPH - Public Health) <[redacted]@gov.wales>; Bennee, Fliss (TAC – Technical Advisory Cell) <[Fliss.Bennee@gov.wales](mailto:Fliss.Bennee@gov.wales)>; Orford, Rob (TAC – Technical Advisory Cell) <[Rob.Orford@gov.wales](mailto:Rob.Orford@gov.wales)>; Trott, Jo (Project Team – C19) <[Jo.Trott@gov.wales](mailto:Jo.Trott@gov.wales)>

**Subject:** COVID-19 Doubling time and Rt estimates -09 Dec 2020

Dear colleagues,

Please find attached the latest doubling time and Rt estimates by health board. An continued worsening picture

These estimates should be interpreted with caution and the confidence intervals taken into account. Estimates will be effected by changes in testing patterns. Further details on methods and caveats can be found in the slide set.

**Dr Giri Shankar**

Prif Ymgynghorydd Proffesiynol ar gyfer Diogelu Iechyd

Professional Lead Consultant for Health Protection

Adran Amddiffyn Iechyd, Iechyd Cyhoeddus Cymru, Llawr 4, Rhif 2 Capital Quarter, Tyndall Street, Caerdydd CF10 4BZ

Health Protection Division, Public Health Wales, Floor 4, Number 2 Capital Quarter, Tyndall Street, Cardiff CF10 4BZ

Ffon/Tel: [redacted] I&S Extn: [redacted] I&S

Ebost/Email: [giri.shankar@wales.nhs.uk](mailto:giri.shankar@wales.nhs.uk)

Rhyngrwyd/Internet: [www.iechydcyhoedduscymru.wales.nhs.uk/](http://www.iechydcyhoedduscymru.wales.nhs.uk/) [www.publichealthwales.org](http://www.publichealthwales.org)

Mewnrwyd/Intranet: [www.publichealthwales.wales.nhs.uk](http://www.publichealthwales.wales.nhs.uk)

Twitter: @IechydCyhoeddus / @PublicHealthW

Facebook: Iechyd Cyhoeddus Cymru / Public Health Wales

PA – [redacted] NR – Ffon/Tel: [redacted] I&S Extn: [redacted] I&S Ebost/Email: [redacted] NR @wales.nhs.uk

For diary management and meetings scheduling please contact: [redacted] NR

Ebost/Email: [redacted] NR @wales.nhs.uk Ffon/Tel: [redacted] I&S

Rydym yn croesawu gohebiaeth yn y Gymraeg neu'r Saesneg

We welcome correspondence in Welsh or English