

## IEMAG

Minutes of meeting – Wednesday 29<sup>th</sup> April 12pm

**Attendees:** Philip Nolan (Chair), Ajay Oza , Alan Barrett, Alan Cahill, Ann Barbar, Brendan Murphy, Cathal Walsh, Chris Brunsdon, Conor Keegan, Conor Teljeur, Francis Butler, Guy McGrath, James P Gleeson, Jim Duggan, Justin Gleeson, Maire Connolly, Máirín Ryan, Malachy Corcoran, Megan O’Driscoll, Patrick Wall, Sean Lyons, Simon More

**Apologies:** Alan Smith, Breda Smyth, Darina O’Flanagan, David McEvoy,

**Secretariat:** Rhona Gaynor, Martha Purcell

### General Updates

- Chair thanked the group for their continued inputs
- WHO serology report will be published in next 24hours. Planning for HPSC seroprevalence study well advanced.
- Additional data now in CSO datahub. CRM (contact tracing) data will be added soon
- A new labs application has been released that will collect data from labs around the country
- Modelling mask usage was discussed. All agreed messaging is important - absence of evidence does not mean no effect. IEMAG asked to reflect on value of any modelling work for mask usage.
- Links to studies using POLYMOD data to extrapolate contact matrices shared;
  - o <https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1005697>
  - o <https://journals.plos.org/ploscompbiol/article?id=10.1371/journal.pcbi.1002673>

### Sub-Group Updated Actions

#### Working Group 1: Epidemiology Modelling

Actions:

|   |  |
|---|--|
| 1 | Run SEIR models for the same 9 countries   |
| 2 | Discuss re: plausibility of age cohort parameters  |
| 3 | Consult with immunologists and get briefing  |
| 4 | Run estimate of R number once a week. Focus on notification date, specimen date and hospital admission- also explore R number in different cohorts |
| 5 | Confirm a weekly day for data updates  |
| 6 | Share outbreaks data excluding long term residential care settings   |
| 7 | Discuss STAN   |

#### Working Group 2: Demand/Supply Modelling

Actions:

|   |  |
|---|--|
| 1 | Refine model and update parameters                               |
| 2 | Present to HSE via Acute Hospital Preparedness sub-group of NPHE |
| 3 | Brief DCMO on work   |
| 4 | Continue to work with WG1 on ICU forecast tool                   |

### Working Group 3: Geospatial Mapping/Modelling

#### Actions:

|   |   |
|---|---|
| 1 | Continue to secure relevant data  |
| 2 | Relay feedback on potential to visualise anonymised network utilisation data  |
| 3 | Consider how best to use anonymised aggregated statistical data (on mobile phone network utilisation) to understand mobility patterns |
| 4 | Run EWS report weekly   |
| 5 | Discuss geo data requests with CSO (to facilitate identification of cases within the same household)                                  |

#### Misc. Actions

- ALL to reflect on value of any modelling work of mask usage
- ALL to share suggestions for contextualising communications with secretariat

**Next Meeting:** Wednesday, 6<sup>th</sup> May