

IEMAG

Minutes of meeting – Wednesday 7 April 2021

Attendees: Philip Nolan (Chair), Brendan Murphy, Cathal Walsh, Conor McAloon, Darren Dahly, Elizabeth Hunter, James P Gleeson, Jim Duggan, Justin Gleeson, Maire Connolly, Patrick Wall, Seán Lyons, Simon More, Mathieu d’Aquin, Francis Butler, Guy McGrath, Jamie Madden

Apologies: Ajay Oza, Alan Cahill, Ann Barber, Breda Smyth, Chris Brunsdon, Conor Keegan, Conor Teljeur, David McEvoy, Eoghan McCarthy, John Kelleher, Máirín Ryan, Malachy Corcoran, Matt Robinson

DOH: Sheona Gilsenan

Secretariat: Darragh Turner, Denis Ryan, Fiona Tynan

General Updates

- PN welcomed the group and discussed possibility of publishing modelling summary report. PN also highlighted the need to consider modelling the impact of school reopening in a more precise way to guide policy.
- DD provided a progress update on sustainability work within HPSC.
- JD presented calibration and scenario updates on the age-cohort model: this is now a reliable, well-calibrated and parameterised model. The outputs align with the homogenous population model.
- EH presented output from the agent-based model comparing scenarios incorporating school reopening, additional workplace reopening, and susceptibility of children.
- MdA (WG4) provided a progress update on generating synthetic data, advising of longer-term focus of project.
- Vaccination assumptions within models and emerging evidence on vaccine effectiveness were discussed. Separate assumptions for each vaccine may need to be considered in models.
- A Vaccination Research Bulletin is now circulated weekly.

Working Group 1: Epidemiology Modelling

Actions:

1	Consider publication of modelling summary report (incorporating agent-based model and revised vaccination schedule).
2	Consider how best to model and present the impact of school reopening.
3	Consider vaccination assumptions within models.
4	JD to circulate a short note on arrayed age-cohort model and terminology.
5	PN, JD, and EH to discuss varying mixing rates among teenagers when schools close and reflect on transmission on population as a whole and transmission in schools.

Working Group 2: Demand/Supply Modelling

Actions:

1	Continue work using current scenarios.
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Working Group 3: Geospatial Mapping/Modelling

Actions:

1	Continue work on updating external facing Geohive.
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Working Group 4: Data Engineering

Actions:

1	Continue work on generating synthetic data.
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Misc. Actions

- IEMAG/ Science Foundation Ireland Workshop - 14 April 2021.

Next Meeting: 21 April 2021