

27. The revised models are aligned to ONS's weekly death registration data and include deaths where Covid-19 is mentioned on the death certificate irrespective of whether a test for Covid-19 was completed.
28. Data show an increase in deaths not related to Covid-19, which might result from the interruptions to healthcare services, hesitancy to access healthcare or from NPIs. However, assumptions are subject to significant uncertainty.

ACTION: SPI-M secretariat and ONS to send final reasonable worst-case scenario paper to Cabinet Office by 7 August

Segmentation of vulnerable people

29. In thinking about protecting vulnerable people, society can be divided into three groups: vulnerable people, their 'protectors', and the rest of the population.
30. Protectors are those who have regular close contact with vulnerable people, often playing an important caring role. Reducing incidence of infection in this group may in turn protect the vulnerable group.
31. There are various measures which protectors could take to reduce their risk of infection, from reducing their contacts with the wider population, to use of masks or physical barriers. Many already seek to protect the vulnerable through regulating their own social contacts or other measures.
32. Protectors may benefit from clearer guidance on how best to do this, which also touches on ethical issues regarding the health and economic impact on protector themselves. It is important that protectors do not become isolated from society, and there are pros and cons to increased actions.
33. The wider population may in turn benefit from guidance on how they can support protectors and vulnerable people through their behaviour.
34. More analysis is needed on the overall impact of shielding to date (positive and negative), both health and societal, to ascertain the effectiveness of this intervention. SAGE will consider shielding again once this analysis is done. The concept of special measures for 'protectors' will also be reviewed in light of the data.

ACTION: SAGE secretariat to arrange for Scottish Government Advisory Group work on segmentation of the vulnerable (and protectors) to be discussed at SAGE once complete; **CMO, Ian Diamond and Calum Semple** to agree plan for how to fully analyse impacts of shielding on the vulnerable by 12 August

List of actions

SAGE secretariat to publish CO-CIN and Smeeth/Goldacre papers on HIV by 14 August

SAGE secretariat to arrange meeting between small subset of SAGE participants and Dido Harding's team to discuss test and trace system and offer additional scientific support; **SAGE participants** to express interest in attending meeting to SAGE secretariat by 10 August

CMO and GCSA to contact Clare Gardiner (JBC) to reiterate offer of SAGE support and importance of having all JBC data in public domain, by 10 August

SPI-M secretariat to send 'Local interventions and spatial scales' paper to MHCLG, JBC and directors of public health, with offer to discuss contents further alongside SPI-B, by 10 August; **SPI-M** to discuss other available travel data with ONS (Ian Diamond) and DfT (Phil Blythe) by 12 August; **Cabinet Office** to consider recommendations

SPI-M secretariat and ONS to send final reasonable worst-case scenario paper to Cabinet Office by 7 August