



Public Health  
England

Protecting and improving the nation's health

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Dear Mr Jones

### **Economic lockdown - computer model projection of excess deaths**

Thank you for your email of 16 July to Duncan Selbie at Public Health England (PHE), concerning projected excess future deaths and adverse health impacts because of COVID-19 lockdown measures. I have been asked to reply on his behalf.

PHE's health intelligence team have developed a [Wider Impacts of COVID-19 on Health \(WICH\) monitoring tool](#) which looks at the indirect effects of the COVID-19 pandemic on the population's health and wellbeing.

You can find a summary of PHE's most recent analysis of data collected using this tool [here](#). It should be noted that PHE are continuing to identify further metrics that will enable the monitoring of the indirect health impacts of COVID-19 as we progress through this pandemic.

Separately, the Office for National Statistics (ONS) have published an analysis of death registrations not involving coronavirus (COVID-19) in England and Wales from 28 December 2019 to 1 May 2020.

This analysis examines death registrations not involving COVID-19, to understand the apparent increase in deaths compared to the previous five-year average for deaths in the same weeks, and explores explanations for why a greater number of deaths not involving COVID-19 are observed. You can view this analysis [here](#). If you have any further queries about this specific analysis, you may wish to [contact the ONS](#) directly.

PHE have also recently published their excess death report covering data up to 10 July 2020. This contains estimates of excess mortality by leading causes of death. You can view this analysis here <https://www.gov.uk/government/publications/excess-mortality-in-england-weekly-reports>.

I hope this information is helpful.

With best wishes

Yours sincerely

Emma  
PHE Enquiries