

# PUBLIC HEALTH ENGLAND BEHAVIOURAL SCIENCE REFERENCE CELL LITERATURE REPORT

12/06/2020

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## INTRODUCTION

Welcome to the sixth weekly literature report from the Public Health England Behavioural Science Reference Cell. This report captures a range of COVID-19 related work in the field of Behavioural Science (mostly) released from the 6<sup>th</sup> June – 12<sup>th</sup> June 2020. We have cross-checked these lists with the Public Health England daily COVID-19 Literature Digest and Daily Alert Report and we are grateful to the work of those teams. The authors of this report do not accept responsibility for the availability, reliability or content of the items included in this report and do not necessarily endorse the views expressed within them.

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## HIGHLIGHTS

As we know how time pressured everyone is at the moment, the authors of the digest have selected three recommended items from the lists below. This week these are:

1. [Face Masks Considerably Reduce COVID-19 Cases in Germany: A Synthetic Control Method Approach](#), IZA Institute of Labor Economics, June 2020.
2. [Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe](#), Seth Flaxman et al., Nature, 8<sup>th</sup> June 2020.
3. [Loneliness Is a Public Health Issue—COVID-19 Doesn't Have to Make It Worse](#), Johns Hopkins Bloomberg School of Public Health Podcast, 11<sup>th</sup> June 2020.

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## RESEARCH PAPERS

### Pre-prints (not peer-reviewed)

[Too bored to bother? Boredom as a potential threat to the efficacy of pandemic containment measures](#), Corinna Martarelli et al., PsyArXiv Preprints, 11<sup>th</sup> June 2020.

[Predictors of Mental Health during the early Covid-19 Pandemic in the US: role of economic concerns, health worries and social distancing](#), Fabrice Kampfen et al., medRxiv, 8<sup>th</sup> June 2020.

[Adaptive and Dark Personality Traits in the Covid-19 Pandemic: Predicting Health-behavior Endorsement and the Appeal of Public-health Messages](#), Pavel Blagov, PsyArXiv Preprints, 5<sup>th</sup> June 2020.

[Trajectories of depression and anxiety during enforced isolation due to COVID-19: longitudinal analyses of 59,318 adults in the UK with and without diagnosed mental illness](#), Daisy Fancourt et al., medRxiv, 4<sup>th</sup> June 2020.

[The Relationship Between COVID-19 Infection and Risk Perception, Knowledge, Attitude As Well As Four Non-pharmaceutical Interventions \(NPIs\) During the Late Period Of The COVID-19 Epidemic In China — An Online Cross-sectional Survey of 8158 Adults](#), Hong Xu et al., medRxiv, 4<sup>th</sup> June 2020.

## UNCLASSIFIED

Are adversities and worries during the COVID-19 pandemic related to sleep quality? Longitudinal analyses of 45,000 UK adults, Liam Wright et al., medRxiv, 4<sup>th</sup> June 2020.

### Published

Using socioeconomics to counter health disparities arising from the covid-19 pandemic, Geoffrey Anderson et al., BMJ, 8<sup>th</sup> June 2020.

Eating Habits and Lifestyle Changes During COVID-19 Lockdown: An Italian Survey, Laura Di Renzo et al., Journal of Translational Medicine, 8<sup>th</sup> June 2020.

Estimating the effects of non-pharmaceutical interventions on COVID-19 in Europe, Seth Flaxman et al., Nature, 8<sup>th</sup> June 2020.

Which interventions work best in a pandemic?, Johannes Haushofer et al., Science, 5<sup>th</sup> June 2020.

Are we all in this together? Longitudinal assessment of cumulative adversities by socioeconomic position in the first 3 weeks of lockdown in the UK, Liam Wright et al., Journal of Epidemiology & Community Health, 5<sup>th</sup> June 2020.

The impact of the Covid-19 pandemic on domestic violence: The dark side of home isolation during quarantine, Matteo Antonia Sacco et al., Medico-Legal Journal, 5<sup>th</sup> June 2020.

Fear of COVID-19 and the Mental Health Consequences in America, Kevin M. Fitzpatrick et al., Psychological Trauma: Theory, Research, Practice, and Policy, 4<sup>th</sup> June 2020.

Dietary Choices and Habits During COVID-19 Lockdown: Experience From Poland, Aleksandra Sidor et al., Nutrients, 3<sup>rd</sup> June 2020.

Says who? The significance of sampling in mental health surveys during COVID-19, Matthisa Pierce et al., The Lancet: Psychiatry, 2<sup>nd</sup> June 2020.

Physical distancing, face masks, and eye protection to prevent person-to-person transmission of SARS-CoV-2 and COVID-19: a systematic review and meta-analysis, Derek K Chu et al., The Lancet, 1<sup>st</sup> June 2020.

The End of 'Cordon Sanitaire' in Wuhan: The Role of Non-Pharmaceutical Interventions Against COVID-19, KH Wan et al., Public Health, May 2020.

## UNCLASSIFIED

Mitigating the psychological effects of social isolation during the covid-19 pandemic, Mohammad S Razai et al., BMJ, 21<sup>st</sup> May 2020.

The online competition between pro- and anti-vaccination views, Neil F. Jonson et al., Nature, 13<sup>th</sup> May 2020.

Possible Uses of Nonprobability Sampling for the Social Sciences, Ulrich Kohler, Survey Methods: Insights from the Field, 2<sup>nd</sup>, April 2019.

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## COMMENTARIES, STATEMENTS, POSITION PAPERS, AND GREY LITERATURE

Face Masks Considerably Reduce COVID-19 Cases in Germany: A Synthetic Control Method Approach, IZA Institute of Labor Economics, June 2020.

Taking trauma related work home - advice for reducing the likelihood of secondary trauma, BPS, 10<sup>th</sup> June 2020.

Behavioural science and success of the proposed UK digital contact tracing application for Covid-19, BPS, 1<sup>st</sup> June 2020.

Covid-19: Doctors need proper mental health support, says BMA, Ingrid Torjesen, BMJ, 1<sup>st</sup> June 2020.

COVID-19 has placed doctors under unimaginable pressure, with many reporting heightened stress, Tim Tonkin, BMA, 1<sup>st</sup> June 2020.

Projected Deaths of Despair During the Coronavirus Recession, Steve Petterson et al, Well Being Trust, 8<sup>th</sup> May 2020.

COVID-19 Roadmap to Recovery – A Report for the Nation, Group of Eight Australia, April 2020.

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## BLOGS

Privacy is key to success of contact tracing, Aggelos Kiayias, University of Edinburgh, 10<sup>th</sup> June 2020.

The rise and rise of interpersonal violence – an unintended impact of the COVID-19 response on families, WHO, 3<sup>rd</sup> June 2020.

Preparing for a long, hot summer with COVID-19, WHO, 11<sup>th</sup> May 2020.

## **PODCASTS, WEBINARS, AND RECORDINGS**

Biological threats and EU preparedness: How can we make the system more resilient?, Bruegel, 18<sup>th</sup> June 2020.

Loneliness Is a Public Health Issue—COVID-19 Doesn't Have to Make It Worse, Johns Hopkins Bloomberg School of Public Health Podcast, 11<sup>th</sup> June 2020.

Covid-19: the psychology of physical distancing, the Guardian Science Weekly podcast, 9<sup>th</sup> June 2020.

The science of COVID-19, Lords Science & Technology Committee, UK parliament, 9<sup>th</sup> June 2020.

The use of masks during COVID-19, WHO, 8<sup>th</sup> June 2020.

FestCast - Cheltenham Science Festival @ Home Special: Three Podcasts Exploring Coronavirus, Cheltenham Science Festival, 5<sup>th</sup> June 2020.

Professor Stephen Reicher on Public Social Psychology during COVID-19, Royal Society of Edinburgh Tea & Talk Podcast, 5<sup>th</sup> June 2020.

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## **NEWSPAPER ARTICLES AND OTHER JOURNALISM**

The Coronavirus Pandemic Isn't Over: Keep Washing Your Hands As Economies Reopen, Rodney Rohde, Forbes, 10<sup>th</sup> June 2020.

Where the science went wrong, Lawrence Freedman, the New Statesman, 7<sup>th</sup> June 2020.

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## **MISCELLANEOUS**

COVID-19 - research studies on children and young people's views, a collection of papers from The Royal College of Paediatrics and Child Health, updated regularly.

COVID-19 consumer rapid response group, Cochrane, ongoing.