

BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

2nd July 2021: Week 57

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 25th June 2021 – 2nd July 2021. Please note the report is not a perfect product and the inclusion or omission of a publication should not be viewed as an endorsement or rejection by PHE. Additionally, 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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Past editions

You can find our thematically categorised database of all previous literature reports [here](#)

You can find past editions, under the 'Keeping up to date' tab [here](#)

Highlights

As we know how time pressured everyone is, the authors of the digest have selected three recommended items from the lists below.

This week these are:

1. Lessons from countries implementing find, test, trace, isolation and support policies in the rapid response of the COVID-19 pandemic: a systematic review, Sheng-Chia Chung et al., Health Policy, 29th June 2021.
2. If we are to learn to 'live with Covid' the way we hear about daily cases needs to change, Benjamin Voyer, inews, 2nd July 2021.
3. Human behaviour: what scientists have learned about it from the pandemic, Stephen Reicher, The Conversation, 1st July 2021.

LitRep Collections: *Lessons identified from previous public health emergencies*

Introducing a new feature - **LitRep Collections** - the authors of the digest will select articles relevant to a particular theme from the LitRep database. This week's theme is:

Lessons identified from previous public health emergencies

1. Lessons from previous outbreaks that can inform COVID-19 response, Sian White, Hygiene Hub, 6th May 2020.
2. Covid-19: How the lessons of HIV can help end the pandemic, Carrie Arnold, BMJ, 16th February 2021.
3. 'Natural' disasters are due to societal failures – so, here's a six-point pandemic recovery plan, Ilan Kelman, The Conversation, 21st June 2021.
4. Public health interventions, epidemic growth, and regional variation of the 1918 influenza pandemic outbreak in a Swiss Canton and its greater regions, Kaspar Staub et al., Annals of Internal Medicine, April 2021.
5. Parallels, differences and lessons: a comparison of the management of foot-and-mouth disease and COVID-19 using UK 2001/2020 as points of

reference, Keith Sumption et al., Proceedings of the Royal Society B: Biological Sciences, 4th November 2020.

6. Social distancing predicts suicide rates: Analysis of the 1918 flu pandemic in 43 large cities, research note, Steven Stack et al., Suicide and Life-Threatening Behaviour, 9th February 2021.
7. Recommendations for augmenting contact tracing in the UK: learning from other diseases, Isaac Newton Institute for Mathematical Sciences, 9th June 2020.
8. The psychology of protecting the UK public against external threat: COVID-19 and the Blitz compared, Edgar Jones, The Lancet Psychiatry, 27th August 2020.

Research Papers

Pre-prints (not peer-reviewed)

Leveraging evidence-based messaging to prevent the spread of COVID-19, Anastasia Browning et al., PsyArXiv Preprints, 2nd July 2021.

Facilitators and barriers to social distancing for young people living in Northern Ireland during the COVID-19 pandemic, Emma Berry et al., PsyArXiv Preprints, 1st July 2021.

Rotation-based schedules in elementary schools to prevent COVID-19 spread: A simulation study, Cyril Brom et al., medRxiv, 1st July 2021.

The evolution of young people's mental health during COVID-19: evidence from four low-and-middle-income-countries, Catherine Porter et al., medRxiv, 1st July 2021.

Hospital Preparedness and Response Framework during infection pandemic, Bikash Bikram Thapa, medRxiv, 1st July 2021.

The impact of COVID-19 restrictions on childhood vaccination uptake: a rapid review, Carl Heneghan et al., medRxiv, 30th June 2021.

Reasons for not getting vaccinated against COVID-19 in German-speaking Switzerland: An online survey among vaccine hesitant 16-60 year olds, Sara Hitchman et al., PsyArXiv Preprints, 30th June 2021.

Moral reframing of messages about mask-wearing during the COVID-19 pandemic, Jonas Kaplan et al., PsyArXiv Preprints, 30th June 2021.

Perceived vaccine safety over time in a vaccine hesitant sample: Impact of pausing due to safety concerns, Thomas Rodebaugh et al., PsyArXiv Preprints, 30th June 2021.

Temporal trends in primary care-recorded self-harm during and beyond the first year of the COVID-19 pandemic: time series analysis of electronic healthcare records for 2.8 million patients in the Greater Manchester Care Record, Sarah Steeg et al., medRxiv, 30th June 2021.

Using MTurk to capture change: tracking perceptions of COVID-19 in a U.S. sample through the UO-EPIDeMIC study, Bernardo Duarte et al., PsyArXiv Preprints, 29th June 2021.

Subjective impact of the COVID-19 pandemic on schizotypy and general mental health in Germany and the UK, for independent samples in May and in October 2020, Sarah Daimer et al., medRxiv, 28th June 2021.

Changes in mobility pre and post first SARS-CoV-2 vaccination: findings from a prospective community cohort study including GPS movement tracking in England and Wales (Virus Watch), Vincent Nguyen et al., medRxiv, 28th June 2021.

Macro-level drivers of SARS-CoV-2 transmission: a data-driven analysis of factors contributing to epidemic growth during the first wave of outbreaks in the United States, Matthew J. Watts, medRxiv, 28th June 2021.

Face masks influence how facial expressions are perceived: A drift-diffusion model of emotion judgments, W. Craig Williams et al., PsyArXiv Preprints, 28th June 2021.

Forecasting COVID-19 and analysing the effect of government interventions, Michael Lingzhi Li et al., medRxiv, 27th June 2021.

A behavioural modelling approach to assess the impact of COVID-19 vaccine hesitancy, Bruno Buonomo et al., medRxiv, 25th June 2021.

Perceptions of immunity and vaccination certificates among the general population in Geneva, Switzerland, Mayssam Nehme et al., medRxiv, 25th June 2021.

Meta-analytic evidence of depression and anxiety in Eastern Europe during the COVID-19 pandemic, Stephen X. Zhang et al., medRxiv, 25th June 2021.

Trends in COVID-19 vaccination intent, determinants and reasons for vaccine hesitancy: results from repeated cross-sectional surveys in the adult general population of Greece during November 2020-June 2021, V. Sypsa et al., medRxiv, 24th June 2021.

The effect of health literacy on COVID-19 vaccine hesitancy: the moderating role of stress, H. Zhang et al., medRxiv, 24th June 2021.

Published

Moral dilemmas and trust in leaders during a global health crisis, Jim A. C. Everett et al., Nature Human Behaviour, 1st July 2021.

Motivation and intention toward physical activity during the COVID-19 pandemic: perspectives from integrated model of self-determination and planned behaviour theories, Dojin Jang et al., Frontiers in Psychology, 1st July 2021.

Predicting individual function during COVID-19 lockdown: depression, fear of COVID-19, age, and employment, Inna Levy et al., Frontiers in Psychology, 1st July 2021.

Fearing fear itself: Crowdsourced longitudinal data on Covid-19-related fear in Sweden, Carol Tishelman et al., PLOS ONE, 1st July 2021.

Contextualising COVID-19 prevention behaviour over time in Australia: Patterns and long-term predictors from April to July 2020 in an online social media sample, Julie Ayre et al., PLOS ONE, 29th June 2021.

Lessons from countries implementing find, test, trace, isolation and support policies in the rapid response of the COVID-19 pandemic: a systematic review, Sheng-Chia Chung et al., Health Policy, 29th June 2021.

Designing optimal COVID-19 testing stations locally: A discrete event simulation model applied on a university campus, Michael Saidani et al., PLOS ONE, 29th June 2021.

Interventions to increase personal protective behaviours to limit the spread of respiratory viruses: A rapid evidence review and meta-analysis, Olga Perski et al., British Journal of Health Psychology, 26th June 2021.

Optimistic Bias, risky behaviour, and social norms among Indian college students during COVID-19, Shanu Shukla et al., Personality and Individual Differences, 26th June 2021.

The COVID-19 anxiety syndrome and selective attentional bias towards COVID-19-related stimuli in UK residents during the 2020–2021 pandemic, Ian P. Albery et al., Clinical Psychology and Psychotherapy, 25th June 2021.

Extended theory of planned behaviour in explaining the intention to COVID-19 vaccination uptake among mainland Chinese university students: an online survey study, Chia-Wei Fan et al., Human Vaccines and Immunotherapeutics, 25th June 2021.

Impacts of COVID-19 and social isolation on academic staff and students at universities: a cross-sectional study, Walter Leal Filho et al., BMC Public Health, 24th June 2021.

Perspectives on COVID-19 testing policies and practices: a qualitative study with scientific advisors and NHS health care workers in England, Anne-Marie Martindale et al., BMC Public Health, 24th June 2021.

Principles for pandemics: COVID-19 and professional ethical guidance in England and Wales, Helen Smith et al., BMC Medical Ethics, 24th June 2021.

Lessons from the UK's lockdown: discourse on behavioural science in times of COVID-19, Jet G. Sanders et al., Frontiers in Psychology, 17th June 2021.

Commentaries, Statements, Position Papers and Grey Literature

Events research programme phase I findings, Department for Digital, Culture, Media and Sport, no date.

Symptoms of depression, anxiety, post-traumatic stress disorder, and suicidal ideation among state, tribal, local, and territorial public health workers during the

COVID-19 pandemic — United States, March–April 2021, Jonathan Bryant-Geneviev et al., CDC, 2nd July 2021.

Could expanding the covid-19 case definition improve the UK's pandemic response?, Alex Crozier et al., BMJ, 1st July 2021.

The powers and perils of using digital data to understand human behaviour, Nature, 1st July 2021.

What constitutes success in the roll-out of COVID-19 vaccines?, Maxwell J. Smith, The Lancet, 25th June 2021.

Blogs

If we are to learn to 'live with Covid' the way we hear about daily cases needs to change, Benjamin Voyer, inews, 2nd July 2021.

Sharing technology and vaccine doses to address global vaccine inequity and end the COVID-19 pandemic, Matthew M. Kavanagh et al., JAMA, 1st July 2021.

Ethical considerations of offering benefits to COVID-19 vaccine recipients, Govind Persad et al., JAMA, 1st July 2021.

Human behaviour: what scientists have learned about it from the pandemic, Stephen Reicher, The Conversation, 1st July 2021.

After restriction: why the public can only fulfil its responsibilities if the government fulfils theirs, Stephen Reicher et al., BMJ, 29th June 2021.

Covid-19: The countries that have mandatory vaccination for health workers, Chris Stokel-Walker, BMJ, 29th June 2021.

Covid-19: Pandemic will cast "a long shadow" on mental health, warns England's CMO, Nikki Nabavi, BMJ, 28th June 2021.

The government must support communities across the UK to tackle covid-19 long term, Maggie Rae, BMJ, 25th June 2021.

Covid-19 vaccine equity as a global good, Bhavna Seth et al., BMJ, 25th June 2021.

Podcasts, Webinars and Recordings

Upcoming

Social infrastructures for a post-COVID-19 world, Department of Anthropology, LSE, 12th July 2021.

Webinar: Prof. Daniel Aldrich: the role of social ties in shocks and crises, Social Capital Research, 9th July 2021.

Pre-recorded

No-fear webinar: communication in crisis: recommendations on tools for effective communications, (86 min), NO-FEAR Project, YouTube, 26th May 2021.

Post-Hospitalisation COVID-19 study, (22 min), The Citizen, University of Leicester, 9th May 2021.

Newspapers and other Journalism

COVID-19: How to slow coronavirus and stop future pandemics? Experts think this blueprint has the answers, Sky News, 1st July 2021.

Covid-19, equity, and inclusiveness, Nicholas G. Evans, BMJ, 29th June 2021.

One in 20 children missed school in England due to Covid as cases rise 66%, Natalie Grover et al., The Guardian, 29th June 2021.

High-profile cases signal rise in Covid-19 ahead of lockdown easing, Caroline Davies, The Guardian, 28th June 2021.

'Patience and listening to your population' - How Bolton overcame vaccine 'hesitancy', Seamus McDonnell, The Manchester Evening News, 26th June 2021.

Vaccine hesitancy wanes despite thousands joining 'Freedom March', Mark Townsend, The Guardian, 26th June 2021.

Miscellaneous

Accelerating behavioural science through ontology development and use, The National Academies of Sciences, Engineering Medicine, no date.

Interpreting a lateral flow SARS-CoV-2 antigen test, BMJ, 22nd June 2021.