

BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

20th August 2021: Week 64

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 14th August 2021 – 20th August 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

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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. "Vaccine passports" may backfire: findings from a cross-sectional study in the UK and Israel on willingness to get vaccinated against COVID-19, Talya Porat et al., *Vaccines*, 14th August 2021.
2. Effectiveness of public health measures to prevent the transmission of SARS-CoV-2 at mass gatherings: A rapid review, Kieran A. Walsh et al., *Reviews in Medical Virology*, 13th August 2021.
3. Has COVID taught us anything about pandemic preparedness?, Amy Maxmen, *Nature*, 13th August 2021.

LitRep Collections: Improving mental health

Behaviour is the key in a pandemic: the direct and indirect effects of COVID-19-related variables on psychological wellbeing, Anita Padmanabhanunni et al., *Psychological Reports*, 21st June 2021.

Crisis and mental life: Implications for Covid-19, Edward Lees-Manning et al., Centre for Society and Mental Health, June 2021.

The mental health benefits of community helping during crisis: Coordinated helping, community identification and sense of unity during the COVID-19 pandemic, Mhairi Bowe et al., *Journal of Community & Applied Social Psychology*, 5th April 2021.

Ten simple rules to improve academic work–life balance, Michael John Bartlett et al., *PLOS Computational Biology*, 15th July 2021.

How have people been coping during the COVID-19 pandemic? Patterns and predictors of coping strategies amongst 26,016 UK adults, Meg Fluharty et al., *BMC Psychology*, 15th July 2021.

Exposure to green spaces may strengthen resilience and support mental health in the face of the covid-19 pandemic, Raf Aerts et al., *BMJ*, 21st June 2021.

Written benefit finding for improving psychological health during the Covid-19 pandemic first wave lockdown, Sarah R. Hansen et al., Psychology & Health, 15th June 2021.

Effectiveness of community interventions for protecting and promoting the mental health of working-age adults experiencing financial uncertainty: a systematic review, Michael McGrath et al., Journal of Epidemiology and Community Health, 10th June 2021.

Role of neighbourhood social support in stress coping and psychological wellbeing during the COVID-19 pandemic: Evidence from Hubei, China, Xi Chen et al., Health and Place, 19th March 2021.

Risk and protective factors for college students' psychological health during the COVID-19 pandemic, Ilana Haliwa et al., Journal of American College Health, 31st January 2021.

How might the NHS protect the mental health of health-care workers after the COVID-19 crisis?, Neil Greenberg et al., The Lancet Psychiatry, 28th May 2020.

Psychologist tells frontline NHS staff 'it's OK not to be OK', Libby Brooks, The Guardian, 25th May 2020.

Research Papers

Pre-prints (not peer-reviewed)

Masked face identification is improved by diagnostic feature training, Daniel Carragher et al., PsyArXiv Preprints, 19th August 2021.

Commentary: Making pre-school children wear masks is bad public health, Robert C. Hughes et al., OSF Preprints, 13th August 2021.

The role of incentives in deciding to receive the available COVID-19 vaccine, Liora Shmueli, medRxiv, 13th August 2021.

The Misinformation Susceptibility Test (MIST): A psychometrically validated measure of news veracity discernment, Rakoén Maertens et al., PsyArXiv Preprints, 6th July 2021.

Published

COVID-19 mass vaccination resource calculator, Grace E. Pryor et al., Applied Clinical Informatics, August 2021.

Social inequalities in protective behaviour uptake at the start of the COVID-19 pandemic: results from a national survey, Alexandra Blair et al., Canadian Journal of Public Health, 19th August 2021.

Using complex systems mapping to build a strategic public health response to mental health in England, Jude Stansfield et al., Journal of Public Mental Health, 17th August 2021.

Vaccine nationalism and the dynamics and control of SARS-CoV-2, Caroline E. Wagner et al., Science, 17th August 2021.

Do school closures and school reopening's affect community transmission of COVID-19? A systematic review of observational studies, Sebastian Walsh et al., BMJ Open, 17th August 2021.

Factors affecting healthcare workers' compliance with social and behavioural infection control measures during emerging infectious disease outbreaks: rapid evidence review, Samantha K. Brooks et al., BMJ Open, 16th August 2021.

Caregiver-reported delay in presentation to pediatric emergency departments for fear of contracting COVID-19: a multi-national cross-sectional study, Adrienne L. Davis et al., CJEM, 16th August 2021.

Evaluating the efficiency of public policy measures against COVID-19, Hatice Rahmet Güner et al., Turkish Journal of Medical Sciences, 15th August 2021.

The circadian clock, the brain, and COVID-19: the cases of olfaction and the timing of sleep, Rachel S. Herz et al., Journal of Biological Rhythms, 15th August 2021.

Does face mask use elicit risk-compensation? Quasi-experimental evidence from Denmark during the SARS-CoV-2 pandemic, Frederik Jørgensen et al., European Journal of Public Health, 14th August 2021.

Twelve-month systemic consequences of COVID-19 in patients discharged from hospital: a prospective cohort study in Wuhan, China, Tingting Liu et al., *Clinical Infectious Diseases*, 14th August 2021.

“Vaccine passports” may backfire: findings from a cross-sectional study in the UK and Israel on willingness to get vaccinated against COVID-19, Talya Porat et al., *Vaccines*, 14th August 2021.

Global survey-based assessment of lifestyle changes during the COVID-19 pandemic, Poonam Agarwal et al., *PLOS ONE*, 13th August 2021.

Analysis of the factors affecting the adoption and compliance of the NHS COVID-19 mobile application: a national cross-sectional survey in England, Marcus Panchal et al., *BMJ Open*, 13th August 2021.

Effectiveness of public health measures to prevent the transmission of SARS-CoV-2 at mass gatherings: A rapid review, Kieran A. Walsh et al., *Reviews in Medical Virology*, 13th August 2021.

Beyond choice architecture: advancing the science of changing behaviour at scale, Theresa M. Marteau et al., *BMC Public Health*, 10th August 2021.

Social Distance in COVID-19: Drawing the line between protective behaviour and stigma manifestation, Marina Economou, *Psychiatriki*, 5th August 2021.

Factors associated with non-essential workplace attendance during the COVID-19 pandemic in the UK in early 2021: evidence from cross-sectional surveys, S. Michie et al., *Public Health*, 17th July 2021.

Africa’s contribution to the science of the COVID-19/SARS-CoV-2 pandemic, Musa Abubakar Kana et al., *BMJ Global Health*, 1st March 2021.

Commentaries, Statements, Position Papers and Grey Literature

COVID-19 Vaccine rollout overview, European Centre for Disease Prevention and Control, 19th August 2021.

Covid-19 support study experiences of and compliance with self-isolation: main report, Gov.Scot, 19th August 2021.

Covid-19: Schools are not hubs of infection and are safe to reopen after summer break, study shows, Adrian O'Dowd, BMJ, 12th August 2021.

Blogs

How universities can make re-opening safer in the autumn, Simon Williams et al., BMJ, 18th August 2021.

Could Covid-19 volunteers be part of a collective solution to the pandemic?, Guanlan Mao et al., University of Sussex, 17th August 2021.

Needle fears can cause COVID-19 vaccine hesitancy, but these strategies can manage pain and fear, Meghan McMurtry, The Conversation, 17th August 2021.

Public health campaigns can be ruined by the personal conduct of politicians, Yang Yang et al., The Conversation, 17th August 2021.

Podcasts, Webinars and Recordings

Pre-Recorded

Episode 4 - Piotr Kramarz - giving the immune system a boost, (18 mins), ECDC: on Air, 18th August 2021.

A feminist recovery from COVID-19, (33 mins), The Lancet Voice, 18th August 2021.

Medicine's disability blind spot: vaccine roll-out, privilege, and access, (26 mins), Medical Humanities, 12th August 2021.

23. Professor Madelynn Arden (Professor of Health Psychology) and Greg Fell (Director of Public Health in Sheffield), (54 mins), Real World Behavioural Science, Spotify, 12th August 2021.

Newspapers and other Journalism

Australia's Qantas tells employees: no jabs, no jobs, Aljazeera, 18th August 2021.

Profiteering from vaccine inequity: a crime against humanity?, Fatima Hassan et al., BMJ, 16th August 2021.

Iceland has been a vaccination success. Why is it seeing a coronavirus surge?, Reis Thebault, The Washington Post, 15th August 2021.

Will we reach herd immunity for the new coronavirus?, David Spiegelhalter et al., The Guardian, 14th August 2021.

Taliban bans COVID-19 vaccine in Paktia: Report, The Week, 14th August 2021.

Has COVID taught us anything about pandemic preparedness?, Amy Maxmen, Nature, 13th August 2021.

Common myths about Covid – debunked, Christina Pagel, The Guardian, 13th August 2021.

'Mixed advice' driving Covid vaccine hesitancy in pregnant UK women, Alexandra Topping, The Guardian, 13th July 2021.

Miscellaneous

5 things you need to know about the COVID-19 vaccine for adolescents 12 through 17, U.S Food and Drug Administration, 13th August 2021.