

# BEHAVIOURAL SCIENCE AND INSIGHTS UNIT (BSIU) LITERATURE REPORT

**8<sup>th</sup> October 2021: Week 71**

The report aims to highlight a selection of COVID-19 related work in the field of behavioural and social science (mostly) released from the 2<sup>nd</sup> October 2021 – 8<sup>th</sup> October 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 the UK Health Security Agency. 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. Understanding the effectiveness of government interventions against the resurgence of COVID-19 in Europe, Mrinank Sharma et al., Nature Communications, 5<sup>th</sup> October 2021.
2. Willingness of children and adolescents to have a COVID-19 vaccination: Results of a large whole schools survey in England, Mina Fazel et al., E Clinical Medicine, 27<sup>th</sup> September 2021.
3. Trust in scientists in times of pandemic: Panel evidence from 12 countries, Yann Algan et al., PNAS, 5<sup>th</sup> October 2021.

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## Research papers

### Pre-prints (not peer-reviewed)

Adverse events of special interest for COVID-19 vaccines - background incidences vary by sex, age and time period and are affected by the pandemic, Fredrik Nyberg et al., medRxiv, 5<sup>th</sup> October 2021.

Does capability, opportunity, and motivation predict intentions to repeat self-isolation if required? An analysis of a national telephone survey with contacts of confirmed COVID-19 cases in Wales, Lesley Lewis et al., PsyArXiv Preprints, 4<sup>th</sup> October 2021.

COVID-19 vaccine: newspaper coverage of the side effects of the vaccine in Nigeria, Soyemi Kehinde Victor et al., medRxiv, 4<sup>th</sup> October 2021.

Impact of COVID-19 pandemic on diet behaviour among UK adults: a longitudinal analysis of the HEBECO study, Samuel J. Dicken et al., medRxiv, 3<sup>rd</sup> October 2021.

Improving older adults' vaccination uptake: are existing measures of vaccine hesitancy valid and reliable for older people?, Nicola Cogan et al., medRxiv, 30<sup>th</sup> September 2021.

The role of conspiracy beliefs for COVID-19 prevention: A meta-analysis, Kinga Bierwiazzonek et al., PsyArXiv Preprints, 9<sup>th</sup> September 2021.

Temporal dynamics of compliance and well-being during pandemics: a longitudinal COVID-19 study, Monique Chambon et al., PsyArXiv Preprints, 16<sup>th</sup> July 2021.

The behavioural immune system and vaccination intentions during the coronavirus pandemic, Linda C. Karlsson et al., PsyArXiv Preprints, 4<sup>th</sup> March 2021.

Affirming basic psychological needs promotes mental well-being during the COVID-19 outbreak, Katarzyna Cantarero et al., PsyArXiv Preprints, 16<sup>th</sup> April 2020.

### **Published**

Vaccination induced complacency in adherence to COVID-19 precautionary measures among oral health care professionals in India and the United States: a retrospective pretest-posttest design, Viswa Chaitanya Chandu et al., Human Vaccines & Immunotherapeutics, 6<sup>th</sup> October 2021.

Maternal level of awareness and predictors of willingness to vaccinate children against COVID 19; A multi-center study, Awoere T. Chinawa et al., Human Vaccines & Immunotherapeutics, 6<sup>th</sup> October 2021.

The major worldwide stress of healthcare professionals during the first wave of the COVID-19 pandemic - the international COVISTRESS survey, Sébastien Couarraze et al., PLOS ONE, 6<sup>th</sup> October 2021.

Distance learning in higher education during COVID-19: The role of basic psychological needs and intrinsic motivation for persistence and procrastination—a multi-country study, Elisabeth R. Pelikan et al., PLOS ONE, 6<sup>th</sup> October 2021.

Trust in scientists in times of pandemic: Panel evidence from 12 countries, Yann Algan et al., PNAS, 5<sup>th</sup> October 2021.

The impact of social isolation and changes in work patterns on ongoing thought during the first COVID-19 lockdown in the United Kingdom, Brontë Mckeown et al., Proceedings of the National Academy of Sciences of the USA, 5<sup>th</sup> October 2021.

Understanding the effectiveness of government interventions against the resurgence of COVID-19 in Europe, Mrinank Sharma et al., Nature Communications, 5<sup>th</sup> October 2021.

Understanding inequalities in COVID-19 outcomes following hospital admission for people with intellectual disability compared to the general population: a matched cohort study in the UK, R Asaad Baksh et al., BMJ Open, 4<sup>th</sup> October 2021.

The COVID-19 Self-Testing through Rapid Network Distribution (C-STRAND) trial: A randomized controlled trial to increase COVID-19 testing in underserved populations, Cedric H. Bien-Gund et al., Contemporary Clinical Trials, 2<sup>nd</sup> October 2021.

Using motivational interviewing techniques to inform decision-making for COVID-19 vaccination, Monica Zolezzi et al., International Journal of Clinical Pharmacy, 2<sup>nd</sup> October 2021.

Vaccination hesitancy and conspiracy beliefs in the UK during the SARS-COV-2 (COVID-19) pandemic, Alison M. Bacon et al., International Journal of Behavioural Medicine, 1<sup>st</sup> October 2021.

This is America: systemic racism and health inequities amidst the COVID-19 pandemic, Moctezuma Garcia, Social Work in Public Health, 1<sup>st</sup> October 2021.

The role of green roofs in post COVID-19 confinement: An analysis of willingness to pay, Maria Manso et al., Journal of Building Engineering, 1<sup>st</sup> October 2021.

Physical and mental health impact of COVID-19 on children, adolescents, and their families: The Collaborative Outcome study on Health and Functioning during Infection Times - Children and Adolescents (COH-FIT-C&A), Marco Solmi et al., Journal of Affective Disorders, 1<sup>st</sup> October 2021.

Analysis of the SPARK study COVID-19 parent survey: Early impact of the pandemic on access to services, child/parent mental health, and benefits of online services, Anjana Bhat, Autism Research, 30<sup>th</sup> September 2021.

The experiences of socially vulnerable groups in England during the COVID-19 pandemic: a rapid health needs assessment, Amy J. Stevens et al., Public Health in Practice, 30<sup>th</sup> September 2021.

Evidence of a post-COVID change in travel behaviour – Self-reported expectations of commuting in Melbourne, Graham Currie et al., Transportation Research Part A: Policy and Practice, 28<sup>th</sup> September 2021.

Following the science? Views from scientists on government advisory boards during the COVID-19 pandemic: a qualitative interview study in five European countries, Elien Colman et al., BMJ Global Health, 27<sup>th</sup> September 2021.

Willingness of children and adolescents to have a COVID-19 vaccination: Results of a large whole schools survey in England, Mina Fazel et al., E Clinical Medicine, 27<sup>th</sup> September 2021.

Behind the masks: A cross-sectional study on intolerance of uncertainty, perceived vulnerability to disease and psychological flexibility in relation to state anxiety and wellbeing during the COVID-19 pandemic, Rebecca Mallett et al., Journal of Contextual Behavioural Science, 25<sup>th</sup> September 2021.

Power, paradox and pessimism: On the unintended consequences of digital health technologies in primary care, Sue Ziebland et al., Social Science and Medicine, 23<sup>rd</sup> September 2021.

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## **Commentaries, statements, position papers, and grey literature**

National and state trends in anxiety and depression severity scores among adults during the COVID-19 pandemic — United States, 2020–2021, Haomiao Jia et al., CDC, 8<sup>th</sup> October 2021.

Changing behaviour for net zero 2050, Theresa M. Marteau et al., BMJ, 7<sup>th</sup> October 2021.

Can COVID-19 help accelerate and transform the diagnostics agenda?, Sabine Kleinert et al., The Lancet, 6<sup>th</sup> October 2021.

Covid-19, climate change, and the environment: a sustainable, inclusive, and resilient global recovery, Nicholas Stern, BMJ, 6<sup>th</sup> October 2021.

Interim statement on booster doses for COVID-19 vaccination, WHO, 4<sup>th</sup> October 2021.

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## Blogs

Confronting future pandemics: what could a new treaty resolve beyond the IHR?, Haik Nikogosian et al., BMJ, 5<sup>th</sup> October 2021.

Why are males still the default subjects in medical research?, Severine Lamon et al., The Conversation, 4<sup>th</sup> October 2021.

What even counts as science writing anymore?, Ed Yong, The Atlantic, 2<sup>nd</sup> October 2021.

How behaviour shaped the pandemic, Stephen Reicher, Research Live, 29<sup>th</sup> September 2021.

The pandemic has left us wanting more personal space — even in virtual reality, Emma L. Barratt, Research Digest, 22<sup>nd</sup> September 2021.

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## Podcasts, webinars, and recordings

### Upcoming

Cochrane Convenes Plenary Session: register now!, Cochrane, 14<sup>th</sup> October 2021.

The future role of public health: lessons from COVID-19, 'a year like no other', The Health Foundation, 12<sup>th</sup> October 2021.

### Pre-recorded

Why everything you've heard about panic buying might be wrong, (25 mins), Today in Focus, The Guardian, 6<sup>th</sup> October 2021.

The promotion of COVID-19 vaccine uptake in young people, (1 hr 24mins), The Social & Economic Research Institute, YouTube, 5<sup>th</sup> October 2021.

LIVE: Q&A on #COVID19 with Dr Mike Ryan and Dr Maria Van Kerkhove, (49 mins), WHO, YouTube, 5<sup>th</sup> October 2021.

Learning from Covid-19: what does the future hold for public health?, (32 mins), The King's Fund, 30<sup>th</sup> September 2021.

COVID-19: advances and remaining challenges, Replay Conference, Institut Pasteur, 29<sup>th</sup> September 2021.

The NICE methods & process review: what it means for patients, the NHS and industry, (13 mins), NICE Talks, SoundCloud, 8<sup>th</sup> September 2021.

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## Newspapers and other journalism

Christian TV channel fined by Ofcom over Covid conspiracy theories, Mark Sweney, The Guardian, 6<sup>th</sup> October 2021.

Pfizer Covid jab '90% effective against hospitalisation for at least 6 months', Andrew Gregory, The Guardian, 5<sup>th</sup> October 2021.

Australia's far right gets COVID anti-lockdown protest booster, Ali MC, Aljazeera, 5<sup>th</sup> October 2021.

Rules and advice don't slow the spread of the virus – human behaviour does, David Spiegelhalter et al., The Guardian, 3<sup>rd</sup> October 2021.

American, Alaska Airlines and JetBlue will require their employees to be vaccinated, Coronavirus Updates, NPR, 2<sup>nd</sup> October 2021.

Why are Nigerians paying for fake COVID test results?, Ope Adetayo, Aljazeera, 1<sup>st</sup> October 2021.

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## Miscellaneous

Conceptual framework for public mental health, NIHR, no date.

Vaccine Guides, VaxTeen, no date.

Disparities in COVID-19 vaccination status, intent, and perceived access for noninstitutionalized adults, by disability status — national immunization survey adult covid module, United States, May 30–June 26, 2021, A. Blythe Ryerson et al., CDC, 1<sup>st</sup> October 2021.