

Disclaimer: We kindly ask to acknowledge that due to the diverse and heterogeneous nature of the questions and the dynamic pandemic situation some of the information might be incomplete or only correct for the time being. Thus, please consider the date with the below information. All available information was provided by a country representative from the PHIRI network during or in connection to the respective meeting.

Date: 11.04.2022

Table 1: Country responses: COVID-19 pandemic evaluation

Country	<p>Topic: COVID-19 pandemic evaluation</p> <ul style="list-style-type: none"> • Have any data analyses or studies been published in your country yet (on national level, or comparing several countries) that investigate direct and indirect health impacts of the pandemic (including indicators such as excess mortality, burden of disease, diminished mental health and well-being, diminished physical activity, loneliness, years of life lost, DALYs/QALYs etc.)? • Other than already published works, is there data analysis currently ongoing or in preparation in your country that investigates direct and indirect health impacts of the pandemic? If so, which indicators are mainly being investigated in this scope?
Albania	<ul style="list-style-type: none"> • Risk factors for poor outcome of patients with Coronavirus disease 2019 (COVID-19) in Albania: https://pubmed.ncbi.nlm.nih.go34669590/ • Decreased hospital visits and increased mortality rate in the emergency department during the COVID-19 pandemic: Evidence from Albania: https://www.medrxiv.org/content/10.1101/2021.10.07.21264204v1
Austria	<p>Most (ongoing and finished) studies in Austria are listed on the following website. The list includes for example studies on psychosocial and mental health impacts, economic impacts, educational impacts but also on mortality and burden of disease: https://covid19studien.ihs.ac.at/covid19</p> <p>Additional (and at least partially redundant) lists of studies can be found on the following website, the first one with a focus on medical research, the other with a focus on social sciences:</p> <ul style="list-style-type: none"> - https://www.meduniwien.ac.at/web/forschung/forschung-zu-covid-19/ - https://data.aussda.at/dataverse/covid19 <p>Regarding overall mortality: There is a continuous monitoring of overall and excess mortality in Austria stratified by regions: https://wien1x1.at/mortality-provinces/</p> <p>In addition, there is an age-stratified analysis of all-cause-mortality rates comparing (COVID-19-) vaccinated vs. unvaccinated individuals between September and December 2021 (in German): https://www.statistik.at/web_de/statistiken/menschen_und_gesellschaft/gesundheit/covid19/127483.html</p>
Belgium	<ul style="list-style-type: none"> - HELICON - Sciensano: Social inequalities with regard to COVID-19 testing, infection, hospitalization and mortality: https://www.brain-helicon.be/about/work-packages. Status: Ongoing - HELICON - Sciensano: Direct long-term health impacts of COVID-19 patients (medical costs for hospitalized patients, long-term complications): https://www.brain-helicon.be/about/work-packages. Status: Ongoing - HELICON - Sciensano: Indirect impact of the COVID-19 crisis in terms of Quality-Adjusted Life Year (QALY) losses, and changes in health care use and associated expenses, and productivity losses: https://www.brain-helicon.be/about/work-packages. Status: Ongoing - COVID-19 Health Surveys - Sciensano: Impact of the pandemic on the health and well-being of the general population in Belgium (mental and social health, attitudes towards vaccination, changes in health-related behaviors, domestic violence, employment): https://www.sciensano.be/en/projects/covid-19-health-surveys. Status: Published - BE-HEROES - Sciensano: Impact of the COVID-19 pandemic on the mental health of healthcare workers: https://www.sciensano.be/en/biblio/impact-covid-19-pandemic-mental-health-healthcare-workers-study-protocol-covid-19-health-care. Status: Ongoing



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101018317

www.phiri.eu

Gesundheit Österreich
GmbH

	<ul style="list-style-type: none"> - Audits Hospital & Transport Surge Capacity Committee: Estimate of non-performed care in hospitals during the 1st, 2nd and 3rd waves: https://www.riziv.fgov.be/fr/nouvelles/Pages/covid19-estimation-soins-non-effectues-hopitaux-1re-2e-3e-vagues.aspx. Status: Published - Working Group Social Impacts COVID-19: Monitoring the social impact of the COVID-19 crisis in Belgium: https://socialsecurity.belgium.be/fr/elaboration-de-la-politique-sociale/impact-social-covid-19. Status: Published / Ongoing
Bosnia & Herzegovina	In the Federation of Bosnia and Herzegovina we have done research of excess mortality. With the Robert-Koch Institut we are doing on methodology Daly's and Qaly'S, Years of life lost (we are preparing data). We analysing change in life expectancy (routine statistic).
Czech Republic	<p>Article on physical activity among children during COVID-19 pandemic https://pubmed.ncbi.nlm.nih.gov/34237088/</p> <p>Evaluation of effectiveness of policy measures https://khp.vse.cz/aktuality/sevcik-m-et-al-vyhodnoceni-efektivit-plosnych-restriktivnich-vladnich-opatreni-v-reakci-na-pandemii-covid-19-v-ceske-republice-vyzkumna-studie-khp/</p> <p>YLL was computed and published https://www.iniciativa-snih.cz/veda-proti-covid-19-2-2-2021-kolik-let-zivota-jsme-ztratili-v-teto-epidemii/</p> <p>Excess mortality delayed care, mainly in the area of cancer treatment, screening etc.</p> <p>Prevalence of current mental disorders before and during the second wave of COVID-19 pandemic: an analysis of repeated nationwide cross-sectional surveys. https://pubmed.ncbi.nlm.nih.gov/34062293/</p> <p>Mental Health and Quality & Safety of Care in Czech Residential Institutions during the COVID 19 Pandemic: A Mixed Methods Study https://rdcu.be/ch7Sd</p>
Estonia	<p>Data/prognoses are used in daily health politics, not so many published reports/articles exist about health impacts. Expected life expectancy, burden of disease, national mental health study are in works, results not final and published yet.</p> <p>Study on the prevalence of coronavirus in Estonia: The 1st year of the COVID-19 epidemic in Estonia: a population-based nationwide sequential/consecutive cross-sectional study - ScienceDirect</p> <p>Analysis of COVID-19 cases and identification of risk groups (Project CORIVA):</p> <ul style="list-style-type: none"> - Long-Term Mortality Following COVID-19 Infection: A National Cohort Study From Estonia by Anneli Uuskula, Tuuli Jürgenson, Heti Pisarev, Raivo Kolde, Tatjana Meister, Anna Tisler, Kadri Suija, Ruth Kalda, Marko Piirsoo, Krista Fischer :: SSRN - Clinical Characteristics and Risk Factors for COVID-19 Infection and Disease Severity: A Nationwide Observational Study in Estonia by Tatjana Meister, Heti Pisarev, Raivo Kolde, Ruth Kalda, Kadri Suija, Lili Milani, Liis Karo-Astover, Marko Piirsoo, Anneli Uuskula :: SSRN - Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study - The Lancet Public Health <p>Awareness of the coronavirus and related attitudes in Estonia: nationwide study:</p> <ul style="list-style-type: none"> - Teadlikkus koroonaviirusest ja seotud hoiakud Eestis: rahvastikupõhine küsitlusuuring. COVID-19 kiiruuring Tervise Arengu Instituut (tai.ee) (report in Estonian) and article - Perceived Stress During the First Wave of COVID-19 Outbreak: Results From Nationwide Cross-Sectional Study in Estonia (nih.gov) - COVID-19 kaugmõjud (haigekassa.ee) (in Estonian, long COVID-19 expenses) - Kui palju on vaktsineerimine hoidnud kokku tervishoiu raha (haigekassa.ee) (in Estonian, COVID-19 expenses by vaccination status)
Finland	Data/prognoses are used in daily health politics, not so many published reports/articles exist about health impacts. Expected life expectancy, burden of disease, national mental health study are in works, results not final and published yet.



	<p>Study on the prevalence of coronavirus in Estonia: The 1st year of the COVID-19 epidemic in Estonia: a population-based nationwide sequential/consecutive cross-sectional study - ScienceDirect</p> <p>Analysis of COVID-19 cases and identification of risk groups (Project CORIVA):</p> <ul style="list-style-type: none"> - Long-Term Mortality Following COVID-19 Infection: A National Cohort Study From Estonia by Anneli Uuskula, Tuuli Jürgenson, Heti Pisarev, Raivo Kolde, Tatjana Meister, Anna Tisler, Kadri Suija, Ruth Kalda, Marko Piirsoo, Krista Fischer :: SSRN - Clinical Characteristics and Risk Factors for COVID-19 Infection and Disease Severity: A Nationwide Observational Study in Estonia by Tatjana Meister, Heti Pisarev, Raivo Kolde, Ruth Kalda, Kadri Suija, Lili Milani, Liis Karo-Astover, Marko Piirsoo, Anneli Uuskula :: SSRN - Acute COVID-19 severity and mental health morbidity trajectories in patient populations of six nations: an observational study - The Lancet Public Health <p>Awareness of the coronavirus and related attitudes in Estonia: nationwide study:</p> <ul style="list-style-type: none"> - Teadlikkus koroonaviirusest ja seotud hoiakud Eestis: rahvastikupõhine küsitlusuuring. COVID-19 kiiruurung Tervise Arengu Instituut (tai.ee) (report in Estonian) and article - Perceived Stress During the First Wave of COVID-19 Outbreak: Results From Nationwide Cross-Sectional Study in Estonia (nih.gov) - COVID-19 kaugmõjud (haigekassa.ee) (in Estonian, long COVID-19 expenses) - Kui palju on vaksineerimine hoidnud kokku tervishoiu raha (haigekassa.ee) (in Estonian, COVID-19 expenses by vaccination status)
Ireland	<p>In Ireland the following report was recently published by the Health Information & Quality Authority. It provides a descriptive analysis of COVID-19 epidemiological indicators and associated contextual factors in European countries. It is available on their website here: https://www.hiqa.ie/reports-and-publications/health-technology-assessment/descriptive-analysis-covid-19-epidemiological</p>
Italy	<p>A huge amount of papers and reports on direct and indirect health impacts at national level, were published during the Pandemic of COVID-19 in Italy. Just some example are following reported:</p> <p>More than 100 periodic reports from the National Institute of Health-ISS on 'Covid-19: surveillance, impact of infections and vaccine efficacy. National updates' (link to the last one available: https://www.epicentro.iss.it/coronavirus/bollettino/Bollettino-sorveglianza-integrata-COVID-19_30-marzo-2022.pdf; in Italian language);</p> <p>More than 120 periodic reports from the National Institute of Health-ISS on 'Characteristics of SARS-CoV-2 patients dying in Italy based on available data' (link to the last one available: https://www.epicentro.iss.it/en/coronavirus/bollettino/Report-COVID-2019_10_january_2022.pdf; in English languages);</p> <p>4 reports on excess mortality in Italy elaborated in collaboration between the National Institute of Health-ISS and the National Institute of Statistics (ISTAT) on 'Impact of the COVID-19 epidemic on the total mortality of the resident population' (link to the last one available: https://www.epicentro.iss.it/coronavirus/pdf/Rapp_Istat_Iss_gennaio-novembre-2020.pdf; in Italian language)</p> <p>3 Reports on Long-term facilities and COVID-19 (link to the last one available: https://www.epicentro.iss.it/coronavirus/pdf/REPORT_STRUTTURA_dic2020_gen2022_08022022.pdf; in Italian language);</p> <ul style="list-style-type: none"> - Dorrucci M, Minelli G, Boros S, Manno V, Prati S, Battaglini M, Corsetti G, Andrianou X, Riccardo F, Fabiani M, Vescio MF, Spuri M, Urdiales AM, Martina DM, Onder G, Pezzotti P, Bella A. Excess Mortality in Italy During the COVID-19 Pandemic: Assessing the Differences Between the First and the Second Wave, Year 2020. Front Public Health. 2021 Jul 16;9:669209. https://doi.org/10.3389/fpubh.2021.669209. PMID: 34336767; PMCID: PMC8322580; - Scortichini M, Schneider Dos Santos R, De' Donato F, De Sario M, Michelozzi P, Davoli M, Masselot P, Sera F, Gasparrini A. Excess mortality during the COVID-19 outbreak in Italy: a two-stage interrupted time-series analysis. Int J Epidemiol. 2021 Jan 23;49(6):1909-1917. https://doi.org/10.1093/ije/dyaa169. PMID: 33053172; PMCID: PMC7665549;



- Minnai, F., De Bellis, G., Dragani, T.A. et al. COVID-19 mortality in Italy varies by patient age, sex and pandemic wave. *Sci Rep* 12, 4604 (2022). <https://doi.org/10.1038/s41598-022-08573-7>;
- Gianicolo EAL, Russo A, Büchler B, Taylor K, Stang A, Blettner M. Gender specific excess mortality in Italy during the COVID-19 pandemic accounting for age. *Eur J Epidemiol.* 2021 Feb;36(2):213-218. <https://doi.org/10.1007/s10654-021-00717-9>. Epub 2021 Jan 25. PMID: 33495860; PMCID: PMC7832414;
- Nurchis MC, Pascucci D, Sapienza M, Villani L, D'Ambrosio F, Castrini F, Specchia ML, Laurenti P, Damiani G. Impact of the Burden of COVID-19 in Italy: Results of Disability-Adjusted Life Years (DALYs) and Productivity Loss. *Int J Environ Res Public Health.* 2020 Jun 13;17(12):4233. <https://doi.org/10.3390/ijerph17124233>. PMID: 32545827; PMCID: PMC7345321;
- Gianino MM, Savatter A, Politano G, Nurchis MC, Pascucci D, Damiani G. Burden of COVID-19: Disability-Adjusted Life Years (DALYs) across 16 European countries. *Eur Rev Med Pharmacol Sci.* 2021 Sep;25(17):5529-5541. https://doi.org/10.26355/eurrev_202109_26665. PMID: 34533803;
- Cartocci A, Cevenini G, Barbini P. A compartment modeling approach to reconstruct and analyze gender and age-grouped COVID-19 Italian data for decision-making strategies. *J Biomed Inform.* 2021 Jun;118:103793. <https://doi.org/10.1016/j.jbi.2021.103793>. Epub 2021 Apr 24. PMID: 33901696; PMCID: PMC8064908;
- Lugo A, Stival C, Paroni L, Amerio A, Carreras G, Gorini G, Mastrobattista L, Minutillo A, Mortali C, Odone A, Pacifici R, Tinghino B, Gallus S. The impact of COVID-19 lockdown on gambling habit: A cross-sectional study from Italy. *J Behav Addict.* 2021 Jul 20;10(3):711-721. <https://doi.org/10.1556/2006.2021.00033>. PMID: 34283804;
- Forte A, Orri M, Brandizzi M, Iannaco C, Venturini P, Liberato D, Battaglia C, Nöthen-Garunja I, Vulcan M, Brusica A, Quadrana L, Cox O, Fabbri S, Monducci E. "My Life during the Lockdown": Emotional Experiences of European Adolescents during the COVID-19 Crisis. *Int J Environ Res Public Health.* 2021 Jul 18;18(14):7638. <https://doi.org/10.3390/ijerph18147638>. PMID: 34300088; PMCID: PMC8303213;
- Carreras G, Lugo A, Stival C, Amerio A, Odone A, Pacifici R, Gallus S, Gorini G. Impact of COVID-19 lockdown on smoking consumption in a large representative sample of Italian adults. *Tob Control.* 2021 Mar 29;tobaccocontrol-2020-056440. <https://doi.org/10.1136/tobaccocontrol-2020-056440>. Epub ahead of print. PMID: 33782199; PMCID: PMC8008911;
- Odone A, Lugo A, Amerio A, Borroni E, Bosetti C, Carreras G, Cavalieri d'Oro L, Colombo P, Fanucchi T, Ghislandi S, Gorini G, Iacoviello L, Pacifici R, Santucci C, Serafini G, Signorelli C, Stival C, Stuckler D, Tersalvi CA, Gallus S. COVID-19 lockdown impact on lifestyle habits of Italian adults. *Acta Biomed.* 2020 Jul 20;91(9-S):87-89. <https://doi.org/10.23750/abm.v91i9-S.10122>. PMID: 32701921; PMCID: PMC8023096;
- Fiorillo A, Sampogna G, Giallonardo V, Del Vecchio V, Luciano M, Albert U, Carmassi C, Carrà G, Cirulli F, Dell'Osso B, Nanni MG, Pompili M, Sani G, Tortorella A, Volpe U. Effects of the lockdown on the mental health of the general population during the COVID-19 pandemic in Italy: Results from the COMET collaborative network. *Eur Psychiatry.* 2020 Sep 28;63(1):e87. <https://doi.org/10.1192/j.eurpsy.2020.89>. PMID: 32981568; PMCID: PMC7556907;
- Maugeri G, Castrogiovanni P, Battaglia G, Pippi R, D'Agata V, Palma A, Di Rosa M, Musumeci G. The impact of physical activity on psychological health during Covid-19 pandemic in Italy. *Heliyon.* 2020 Jun 24;6(6):e04315. <https://doi.org/10.1016/j.heliyon.2020.e04315>. PMID: 32613133; PMCID: PMC7311901;
- Zaccagni L, Toselli S, Barbieri D. Physical Activity during COVID-19 Lockdown in Italy: A Systematic Review. *Int J Environ Res Public Health.* 2021 Jun 13;18(12):6416. <https://doi.org/10.3390/ijerph18126416>. PMID: 34199286; PMCID: PMC8296244;
- Di Renzo L, Gualtieri P, Pivari F, Soldati L, Attinà A, Cinelli G, Leggeri C, Capareello G, Barrea L, Scerbo F, Esposito E, De Lorenzo A. Eating habits and lifestyle changes during COVID-19 lockdown: an Italian survey. *J Transl Med.* 2020 Jun 8;18(1):229. <https://doi.org/10.1186/s12967-020-02399-5>. PMID: 32513197; PMCID: PMC7278251;
- Canevelli M, Palmieri L, Raparelli V, Punzo O, Donfrancesco C, Lo Noce C, Vanacore N, Brusafferro S, Onder G, Italian National Institute of Health COVID-19 Mortality Group. COVID-19 mortality among migrants living in Italy. *Annali dell'Istituto Superiore di Sanità* 2020; 56(3): 373-377;



	<ul style="list-style-type: none"> - Bucciardini R, Contoli B, De Castro P, Donfrancesco C, Falzano L, Ferrelli R, Giammarioli A, Mattioli B, Medda E, Minardi V, Minelli G, Palmieri L, Pasetto R, Pizzi E, Rossi S, Venerosi A. The health equity in all policies (HEiAP) approach before and beyond the Covid-19 pandemic in the Italian context (Commentary). International Journal for Equity in Health 2020; 19:92; https://doi.org/10.1186/s12939-020-01209-0; - Canevelli M, Palmieri L, Raparelli V, Lo Noce C, Colaizzo E, Tiple D, Vaianella L, Vanacore V, Brusaferrero S, Onder G, and the Italian National Institute of Health COVID-19 Mortality Group. Prevalence and clinical correlates of dementia among COVID-19-related deaths in Italy. Alzheimer's & Dementia: Diagnosis, Assessment & Disease Monitoring 2020; 12: e12114; https://doi.org/10.1002/dad2.12114; - Palmieri L, Palmer K, Lo Noce C, Meli P, Giuliano M, Florida M, Tamburo de Bella M, Piccioli A, Brusaferrero S, Onder G and the Italian National Institute of Health COVID-19 Mortality Ggroup. Differences in the clinical characteristics of COVID-19 patients who died in hospital during different phases of the pandemic: national data from Italy. Aging Clinical and Experimental Research 2020; 2020 Dec 21:1–7. https://doi.org/10.1007/s40520-020-01764-0. Epub ahead of print. PMID: 33345291; PMCID: PMC7750107; - Punzo O, Bellino S, Palmieri L, Lo Noce C, Giuliano M, Meli P, Boros S, Bella A, Riccardo F, Pezzotti P, Onder G, the Italian National Institute of Health COVID-19 Mortality and Surveillance Groups. Clinical characteristics of individuals under 40 years of age who died with COVID-19 in Italy; J Med Virol. 2021; 1–5; Letter to the Editor; https://doi.org/10.1002/jmv.26788. - Lega I, Nisticò L, Palmieri L, Caroppo E, Lo Noce C, Donfrancesco C, Vanacore N, Scattoni ML, Picardi A, Gigantesco A, Brusaferrero S, Onder G, and the Italian National Institute of Health COVID-19 Mortality Group. Psychiatric disorders among hospitalised patients deceased with COVID-19 in Italy; EClinicalMedicine 2021, https://doi.org/10.1016/j.eclinm.2021.100854. - Rosano A, Lorini C, Unim B, Griebler R, Cadeddu C, Regazzi L, Galeone D and Palmieri L. Coronavirus-Related Health Literacy: A Cross-Sectional Study during the COVID-19 Pandemic in Italy. Int. J. Environ. Res. Public Health 2022, 19, 3807: pp.13. https://doi.org/10.3390/ijerph19073807; - Cadeddu C, Regazzi L, Bonaccorsi G, Rosano A, Unim B, Griebler R, Link T, De Castro P, D'Elia R, Mastrilli V and Palmieri L. The Determinants of Vaccine Literacy in the Italian Population: Results from the Health Literacy Survey 2019. Int. J. Environ. Res. Public Health 2022, 19, 4429: pp.13. https://doi.org/10.3390/ijerph19084429.
Norway	<p>Several relevant studies exist from Norway and are collated at the below link. https://www.fhi.no/kk/oppsummert-forskning-for-helsetjenesten/norsk-covid-19-forskning/</p>
Poland	<p>The publication of the National Institute of Public Health entitled ""Public Health 3.0"" includes conclusions and recommendations resulting from the observation of the public health situation during the Covid-19 pandemic, from a global perspective, confronted with the existing public health paradigm (the use of the global perspective allowed for minimizing the amount of information devoted to Poland, but for the authors it was a constant point of reference). The authors address the following issues: paradigm evolution and pre-pandemic crisis, evidence-based public health, public health as part of an integrated health system, health system, society and economy, political conditions, and their aspects. The paper outlines a revised or enriched public health paradigm that will inspire many of the conceptual work for theory and practice. The recommendations are to refer directly to the national realities but are to be justified in the content of the paradigm presented in the publication. This study is addressed to professionals and researchers related to the subject of public health, as well as to people not professionally related to the issues, but interested in health matters. https://www.pzh.gov.pl/publikacja-zdrowie-publiczne-3-0/</p> <p>In 2022 on the official webpage of the Map of health needs provided by the Ministry of Health several reports were published, whose aim was to summarize the impact of the COVID-19 pandemic on implementation services and treatment of patients, analyzing the most important indicators, especially considering 2020.</p>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101018317

www.phiri.eu

Gesundheit Österreich
GmbH

	<p>The analyzes used, among others, the following data:</p> <ul style="list-style-type: none"> • NFZ (National Health Fund), regarding the reported benefits in 2019-2020, • KRPC-19, related to hospitalizations due to COVID-19 in 2020, • Ministry of the Interior and Administration on the number of covid beds, • RPWDL (Register of Entities Performing Healthcare Activities) in terms of the total number of beds, • WSSE (Sanitary Inspection) and the registry for the number of infections and deaths due to COVID-19. <p>An important element influencing the improvement of patient safety were the activities carried out by the Minister of Health in the field of combating the pandemic and counteracting its effects. In addition, the implementation of the National Vaccine Program against COVID-19, which started in December 2020, was summarized, the main goal of which is to achieve the level of vaccination of the society enabling control of the COVID-19 pandemic and at the same time improving the availability of health services.</p> <p>The above-mentioned reports are:</p> <ol style="list-style-type: none"> 1. The impact of the COVID-19 pandemic on health needs in Poland, Infectious diseases, 2. The impact of the COVID-19 pandemic on health needs in Poland, Cardiovascular diseases, 3. The impact of the COVID-19 pandemic on health needs in Poland, Oncological diseases, 4. The impact of the COVID-19 pandemic on health needs in Poland, Diseases of the respiratory system, 5. The impact of the COVID-19 pandemic on the health needs in Poland, Diseases of the musculoskeletal system in Poland, 6. The impact of the COVID-19 pandemic on health needs in Poland, Mental disorders, 7. The impact of the COVID-19 pandemic on health needs in Poland, Mother and child. <p>Several scientific institutions (eg. universities, research institutes) have been working on reports analyzing the impact of Covid-19 on healthcare system establishing recommendations for the future.</p>
Serbia	<p>Some papers that can be interesting are:</p> <p>Experiences and aftermath of the COVID-19 lockdown among community-dwelling older people in Serbia: A qualitative study: https://onlinelibrary.wiley.com/doi/full/10.1111/jep.13641</p> <p>Performance evaluation of general public hospitals in territories of the Former Yugoslavia: An ecological study using the Pabon Lasso model: https://pubmed.ncbi.nlm.nih.gov/35332583/</p> <p>Children's Daily Routine Response to COVID-19 Emergency Measures in Serbia: https://www.frontiersin.org/articles/10.3389/fped.2021.656813/full?utm_source=Email_to_authors</p> <p>The impact of COVID-19 pandemic on suicide attempts in the Republic of Serbia: http://www.doiserbia.nb.rs/Article.aspx?id=0370-81792100053S#.Yk1t03jP1aQ</p> <p>COVID-19 pandemic-related aspects and predictors of emotional and behavioural symptoms in youth with pre-existing mental health conditions: results from Georgia, Lithuania, Romania, Serbia, and Turkey: https://www.tandfonline.com/doi/abs/10.1080/08039488.2021.2013531</p> <p>There are numerous studies about pandemic on education, economy, daily routine...</p>
Slovakia	<p>Studies on the following topics has been published: Excess mortality, Direct impact of covid, Indirect impact of covid, Daly's, Qaly's, Years of life lost, Change in life expectancy and Increased smoking.</p> <p>Available indicators refer to 2020, 2021 should be available before end 2022.</p>



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101018317

www.phiri.eu

Gesundheit Österreich
 GmbH

<p>Slovenia</p>	<p>Studies on the following topics has been published: Excess mortality, Direct impact of covid, Indirect impact of covid, Change in life expectancy, Diminished sense of well being, Deteriorated mental state, Increased smoking, Decreased physical like sports, Loneliness</p> <p>Illicit drugs</p> <ul style="list-style-type: none"> - HOČEVAR-GROM, Ada, DREV, Andreja, JANDL, Mateja, LAVTAR, Darja, ROSTOHAR, Katja. Vpliv prvega vala pandemije covida-19 na uporabnike drog in ponudnike storitev obravnave v Sloveniji. Isis : glasilo Zdravniške zbornice Slovenije. [Tiskana izd.]. maj 2021, leto 30, št. 5, str. 29-31, graf. prikazi. ISSN 1318-0193. http://online.pubhtml5.com/agha/ikar/#p=29. - HOČEVAR-GROM, Ada, DREV, Andreja, LAVTAR, Darja, ROSTOHAR, Katja, JANDL, Mateja. Vpliv prvega vala pandemije COVID-19 na uporabnike drog in ponudnike storitev obravnave v Sloveniji. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 1 spletni vir (1 datoteka PDF (15 str.)), ilustr. https://www.nijz.si/sites/www.nijz.si/files/publikacije-datoteke/publikacija_covid_droge_novo.pdf. <p>Behavioural insights</p> <ul style="list-style-type: none"> - ŽAGAR, Janina, VRDELJA, Mitja, REHBERGER, Maruša, LAVTAR, Darja, KOROŠEC, Aleš. Nagnjenost k teorijam zarot v povezavi s COVIDOM-19 med različnimi populacijskimi skupinami v Sloveniji = Tendency to conspiracy theories in connection with COVID-19 among different population groups in Slovenia. In: GABROVEC, Branko (ed.), et al. Javno zdravje in COVID-19 : znanstvena in strokovna konferenca : Ljubljana, 29. september 2021 : zbornik povzetkov in recenziranih prispevkov. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. Str. 184-193. ISBN 978-961-6945-42-4. - JERIČEK KLANŠČEK, Helena, HOČEVAR-GROM, Ada, KLANČIČ, Maja, REHBERGER, Maruša, LAVTAR, Darja. Tveganje za depresijo v času pandemije COVID-19 = Risk of depression during the COVID-19 pandemic. In: GABROVEC, Branko (ed.), et al. Javno zdravje in COVID-19 : znanstvena in strokovna konferenca : Ljubljana, 29. september 2021 : zbornik povzetkov in recenziranih prispevkov. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. Str. 26-32. ISBN 978-961-6945-42-4. - KAVCIC, Voyko, PODLESEK, Anja, HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja. Zaznane kognitivne spremembe med pandemijo COVIDA-19 v Sloveniji = Detected cognitive changes during the COVID-19 pandemic in Slovenia. In: GABROVEC, Branko (ed.), et al. Javno zdravje in COVID-19 : znanstvena in strokovna konferenca : Ljubljana, 29. september 2021 : zbornik povzetkov in recenziranih prispevkov. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. Str. 10-18. ISBN 978-961-6945-42-4. - JERIČEK KLANŠČEK, Helena, HOČEVAR-GROM, Ada, REHBERGER, Maruša, LAVTAR, Darja, KLANČIČ, Maja. Well-being and depression during the COVID-19 pandemic. European journal of public health. 2021, vol. 31, no. 3, ckab165.062. ISSN 1101-1262. https://academic.oup.com/eurpub/article/31/Supplement_3/ckab165.062/6405617, DOI: 10.1093/eurpub/ckab165.062. - KOVAČIČ, V., LAVTAR, Darja. Effects of covid-19 on cognitive functioning. European journal of public health. [Online ed.]. 2021, vol. 31, suppl. 3, str. ckab164.294. ISSN 1464-360X. https://academic.oup.com/eurpub/article/31/Supplement_3/ckab164.294/6404881, DOI: 10.1093/eurpub/ckab164.294. - JERIČEK KLANŠČEK, Helena, HOČEVAR-GROM, Ada, KLANČIČ, Maja, REHBERGER, Maruša, LAVTAR, Darja. Duševno zdravje starejših v času pandemije COVID-19 = Mental health of the elderly during the COVID-19 pandemic. In: PETELIN, Ana (ed.). Zdravje starostnikov : 5. znanstvena in strokovna konferenca z mednarodno udeležbo, [17. september 2021] : zbornik povzetkov z recenzijo = Health of the elderly : 5th Scientific and Professional International Conference, [17th September 2021] : book of abstracts. Brezplačna elektronska izd. Koper: Založba Univerze na Primorskem: = University of Primorska Press, 2021. Str. 102-103. ISBN 978-961-293-098-1, ISBN 978-961-293-099-8. https://www.hippocampus.si/ISBN/978-961-293-098-1.pdf. - HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja. SI-PANDA - raziskava o vplivu pandemije na življenje. In: VRAČKO, Pia (ed.), KOLAR, Urška (ed.). Dosežki v javnem zdravju v Sloveniji. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. Str. 17. ISBN 978-961-6945-46-2. [COBISS.SI-ID 84097539] - HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja. SI-PANDA - survey on the impact of the COVID-19 pandemic on people's lives. In: VRAČKO, Pia (ed.), KOLAR, Urška (ed.). Public health achievements in Slovenia. Ljubljana: National Institute of Public Health, 2021. Str. 17. ISBN 978-961-6945-47-9. - HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, LAVTAR, Darja, REHBERGER, Maruša, GABRIJELČIČ BLENKUŠ, Mojca, VINKO, Matej, BLAZNIK, Urška, FAJDIGA TURK, Vida, GREGORIČ, Matej, POLIČNIK, Rok, JERIČEK KLANŠČEK, Helena. Will the COVID-19 pandemic deepen
------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



inequalities in the health of the Slovenian population?. In: GABRIJELČIČ BLENKUŠ, Mojca (ed.), et al. Inequalities in health : future challenges for intersectoral cooperation. Electronic ed. Ljubljana: National Institute of Public Health, 2021. Str. 141-149. ISBN 978-961-6945-32-5. https://www.nijz.si/sites/www.nijz.si/files/publikacije-datoteke/neen_strokovna_monografija_eng_e-verzija_5_7_21_obl_1.pdf.

- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, IVANUŠ, Urška, JERMAN, Tine, KLEPAC, Petra, UČAKAR, Veronika, ROŠKAR, Maja, HOVNIK-KERŠMANC, Marjetka. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 19. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2022. 53 str. <https://www.nijz.si/sl/raziskava-o-vplivu-pandemije-na-zivljenje-si-panda-20202021>. [COBISS.SI-ID 94988803]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, DREV, Andreja, HOVNIK-KERŠMANC, Marjetka, ROŠKAR, Maja. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 12th wave. Ljubljana: National Institute of Public Health, 2021. 43 str. [COBISS.SI-ID 92286211]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, DREV, Andreja, ŠIVEC, Nastja, VRDELJA, Mitja, ŽAGAR, Janina. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 9th wave. Ljubljana: National Institute of Public Health, 2021. 43 str. [COBISS.SI-ID 78611203]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 11th wave. Ljubljana: National Institute of Public Health, 2021. 38 str. [COBISS.SI-ID 87264003]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 13th wave. Ljubljana: National Institute of Public Health, 2021. 34 str. [COBISS.SI-ID 92286723]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, TRUDEN-DOBRIN, Polonca, PIBERNIK, Tjaša, KOŽAR, Jerneja, DRAVEC, Sonja, KLEPAC, Petra, UČAKAR, Veronika. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 15th wave. Ljubljana: National Institute of Public Health, 2021. 39 str. <https://www.nijz.si/sl/raziskava-o-vplivu-pandemije-na-zivljenje-si-panda-20202021>. [COBISS.SI-ID 101402883]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, ROŠKAR, Saška, DREV, Andreja, ŠIVEC, Nastja. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 8th wave. Ljubljana: National Institute of Public Health, 2021. 35 str. [COBISS.SI-ID 78610179]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, FAJDIGA TURK, Vida, GREGORIČ, Matej, ŠIVEC, Nastja, POLIČNIK, Rok, BLAZNIK, Urška, CARLI, Tanja, ZUPANČIČ TISOVEC, Brigita. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 7th wave. Ljubljana: National Institute of Public Health, 2021. 30 str. [COBISS.SI-ID 62334467]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, KAVCIC, Voyko. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 10th wave. Ljubljana: National Institute of Public Health, 2021. 40 str. [COBISS.SI-ID 87262979]
- JERIČEK KLANŠČEK, Helena, VINKO, Matej, HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca. COVID-19 pandemic in Slovenia : results of a panel online survey on the impact of the pandemic on life (SI-PANDA), 14th wave. Ljubljana: National Institute of Public Health, 2021. 40 str. <https://www.nijz.si/sl/raziskava-o-vplivu-pandemije-na-zivljenje-si-panda-20202021>. [COBISS.SI-ID 101401859]
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, KOFOL-BRIC, Tatjana, KLEPAC, Petra, PUCELJ, Vesna, UČAKAR, Veronika. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 5. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 21 str. [COBISS.SI-ID 52506627]



- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, DREV, Andreja, HOVNIK-KERŠMANC, Marjetka, ROŠKAR, Maja. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 12. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 44 str. <https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda>. [COBISS.SI-ID 65531395].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, DREV, Andreja, HOVNIK-KERŠMANC, Marjetka, ROŠKAR, Maja. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 13. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 28 str. <https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda>. [COBISS.SI-ID 72215811].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, DREV, Andreja, ŠIVEC, Nastja, VRDELJA, Mitja, ŽAGAR, Janina. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 9. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 39 str. [COBISS.SI-ID 59357187].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, VRDELJA, Mitja, ŽAGAR, Janina, KERŠIČ-SVETEL, Marjeta. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 17. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 45 str. <https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda>. [COBISS.SI-ID 85098499].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, MIKOLIČ, Petra, KAVCIC, Voyko. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 18. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 56 str. <https://www.nijz.si/sl/raziskava-o-vplivu-pandemije-na-zivljenje-si-panda-20202021>. [COBISS.SI-ID 88806147].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, TRUDEN-DOBRIN, Polonca, PIBERNIK, Tjaša, KOŽAR, Jerneja, DRAVEC, Sonja, KLEPAC, Petra, UČAKAR, Veronika. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 15. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 37 str. <https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda>. [COBISS.SI-ID 77053699].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, KOROŠEC, Aleš, FAJDIGA TURK, Vida, GREGORIČ, Matej, POLIČNIK, Rok, BLAZNIK, Urška, ROZMAN, Natalija, BRLEK, Aljaž, RAZTRESEN, Lea, SOTLAR, Ingrid, ČERČEK VILHAR, Emanuela. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 16. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 44 str. <https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda>. [COBISS.SI-ID 81326339].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, VINKO, Matej, ROŠKAR, Saška, DREV, Andreja, ŠIVEC, Nastja. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 8. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 32 str. https://www.nijz.si/sites/www.nijz.si/files/uploaded/panda_porocilo_po_8_valu_koncno_1.pdf. [COBISS.SI-ID 58266371].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 11. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 37 str. [COBISS.SI-ID 62618883].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA). Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 18 str. [COBISS.SI-ID 49256707].
- HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, KLEPAC, Petra, VINKO, Matej, FAFANGEL, Mario, CARLI, Tanja, DREV, Andreja. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 6. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 26 str. [COBISS.SI-ID 53190659].



	<ul style="list-style-type: none"> - HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, FAJDIGA TURK, Vida, GREGORIČ, Matej, ŠIVEC, Nastja, POLIČNIK, Rok, BLAZNIK, Urška, CARLI, Tanja, ZUPANČIČ TISOVEC, Brigita. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 7. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 32 str. [COBISS.SI-ID 55272707] - HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca, JERIČEK KLANŠČEK, Helena, KAVCIC, Voyko. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 10. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 38 str. [COBISS.SI-ID 61725955] - JERIČEK KLANŠČEK, Helena, VINKO, Matej, HOČEVAR-GROM, Ada, BELŠČAK ČOLAKOVIČ, Andreja, REHBERGER, Maruša, LAVTAR, Darja, GABRIJELČIČ BLENKUŠ, Mojca. Pandemija COVID-19 v Sloveniji : izsledki panelne spletne raziskave o vplivu pandemije na življenje (SI-PANDA), 14. val. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 36 str. https://www.nijz.si/sl/izsledki-panelne-spletne-raziskave-si-panda. - JERIČEK KLANŠČEK, Helena, ROŠKAR, Maja, PUCELJ, Vesna, ZUPANIČ, Tina, KOPRIVNIKAR, Helena, DREV, Andreja, KOROŠEC, Aleš, ŽLAVS, Katarina, PETERNELJ, Vida. Neenakosti v zdravju in z zdravjem povezanimi vedenji med mladostniki v času pandemije COVIDA-19 : izsledki raziskave Z zdravjem povezana vedenja v šolskem obdobju (HBSC), 2020. Elektronska izd. Ljubljana: Nacionalni inštitut za javno zdravje, 2021. 1 spletni vir (1 datoteka PDF (91 str.)), graf. prikazi. ISBN 978-961-6945-48-6. https://www.nijz.si/sites/www.nijz.si/files/publikacije-datoteke/hbsc_-_oblikovana_verzija_zadnja.pdf. [COBISS.SI-ID 79461379] - KLEPAC, Petra, FAFANGEL, Mario, KLAVS, Irena, ZUPANIČ, Tina, LEBAN, Eva, KOROŠEC, Aleš. Excess mortality during the first year of the COVID-19 epidemic in Slovenia, week 10/2020–week 10/202. V: Abstract book. European Scientific Conference on Applied Infectious Disease Epidemiology, 19-19 November 2021, online. Solna: European Centre of Disease Prevention and Control, 2021. Str. 64. https://www.escaide.eu/sites/default/files/documents/ESCAIDE2021_Abstract-Book.pdf. [COBISS.SI-ID 87483651] <p>Deteriorated mental state</p> <ul style="list-style-type: none"> - Majda Pajnikher, Katarina Cesar, Špela Selak, Nuša Crnkovič, Andrej, Šorgo, Branko Gabrovec. Research on the experience of the epidemic COVID-19 among students. https://www.nijz.si/sites/www.nijz.si/files/datoteke/raziskava_o_doživljanju_epidemije_covid-19_med_studenti_medicine_in_zdravstvenih_ved.pdf <p>The first wave of the covid-19 epidemic through the prism of health statistics: https://www.nijz.si/sl/publikacije/prvi-val-epidemije-covida-19-skozi-prizmo-zdravstvene-statistike</p>
Spain	<p><u>Direct Impact Health Indicators:</u> The National Centre of Epidemiology (CNE) publishes a periodic update of the situation of COVID-19 in Spain, with geographical information and indicators of the evolution of the pandemic. The results presented in this panel are obtained from the declaration of COVID-19 cases to the National Epidemiological Surveillance Network (RENAVE). https://cnecovid.isciii.es/</p> <p>Also the CNE is carrying out the Spanish daily mortality surveillance system (MoMo) that estimates excess mortality. Results are publicly available at: https://momo.isciii.es/public/momo/dashboard/momo_dashboard.html https://www.isciii.es/QueHacemos/Servicios/VigilanciaSaludPublicaRENAVE/EnfermedadesTransmisibles/Paginas/Informes_MoMo_2022.aspx</p> <p>The latest papers published using MoMo: • Garyfallos Konstantinoudis, Michela Cameletti, Virgilio Gómez-Rubio, Inmaculada León Gómez, Monica Pirani, Gianluca Baio, Amparo Larrauri, Julien Riou, Matthias Egger, Paolo Vineis, Marta Blangiardo. Regional excess mortality during the 2020 COVID-19 pandemic in five European countries. Nature Communications 2022. 13:482. Published 2022 Jan https://doi.org/10.1038</p>



Analyze the impact of the COVID-19 pandemic on excess mortality from all causes throughout the year 2020 in five European countries: England, Greece, Italy, Switzerland and Spain.

• León-Gómez I, Mazagatos C, Delgado-Sanz C, et al. The Impact of COVID-19 on Mortality in Spain: Monitoring Excess Mortality (MoMo) and the Surveillance of Confirmed COVID-19 Deaths. *Viruses*. 2021;13(12):2423. Published 2021 Dec 3. <https://doi.org/10.3390/v13122423>

It compared the results from the Spanish daily mortality surveillance system (MoMo) of excess mortality estimates, using a time series analysis, with those obtained for the confirmed COVID-19 deaths reported to the RENAVE.

Experimental Statistic. Weekly death estimates (EDeS) during the covid-19 outbreak. The EDeS project aims to carry out a weekly study of deaths occurring during the covid-19 pandemic, and to compare this with the historical data on deaths since the year 2000. The online report is monthly updated: https://www.ine.es/experimental/defunciones/experimental_defunciones.htm

The Death statistics according to cause of death constitutes one of the most important sources of information in the field of healthcare. It is conducted following the criteria established by the WHO in the International Classification of Diseases (ICD), which covers over 12,000 diseases. Causes of death are registered by the National Institute of Statistics (INE). Last results regarding 2020 were published in November 2021. It includes COVID-19 total deaths https://www.ine.es/dynqs/INEbase/es/operacion.htm?c=Estadistica_C&cid=1254736176780&menu=ultiDatos&idp=1254735573175

The key parameter to understand and model the evolution of the COVID-19 pandemic is the number of daily infections (May 2021):

García-García, D., Vigo, M.I., Fonfría, E.S. et al. Retrospective methodology to estimate daily infections from deaths (REMEDID) in COVID-19: the Spain case study. *Sci Rep* 11, 11274 (2021). <https://doi.org/10.1038/s41598-021-90051-7>

Life expectancy is a widely used indicator that provides a clear and cross-nationally comparable picture of the population-level impacts of the pandemic on mortality. International study about life expectancy losses (February 2022):

José Manuel Aburto, Jonas Schöley, Ilya Kashnitsky, Luyin Zhang, Charles Rahal, Trifon I Missov, Melinda C Mills, Jennifer B Dowd, Ridhi Kashyap, Quantifying impacts of the COVID-19 pandemic through life-expectancy losses: a population-level study of 29 countries, *International Journal of Epidemiology*, Volume 51, Issue 1, February 2022, Pages 63–74, <https://doi.org/10.1093/ije/dyab207>

Other interesting publications that include direct impact health indicators (incidence, prevalence, seroprevalence, mortality rate, mechanical ventilation among non survivors, time to death, hospital admission rate, ICU admission rate, proportion of ventilation, proportion of complications...)

- Pastor-Barruso R, Pérez-Gómez B, Hernán MA, Pérez-Olmeda M, Yotti R, Oteo-Iglesias J, Sanmartín JL, León-Gómez I, Fernández-García A, Fernández-Navarro P, Cruz I, Martín M, Delgado-Sanz C, Fernández de Larrea N, León Paniagua J, Muñoz-Montalvo JF, Blanco F, Larrauri A, Pollán M; ENE-COVID Study Group. Infection fatality risk for SARS-CoV-2 in community dwelling population of Spain: nationwide seroepidemiological study. *BMJ*. 2020 Nov 27;371:m4509. <https://doi.org/10.1136/bmj.m4509>. PMID: 33246972; PMCID: PMC7690290.
- Gutiérrez-Abejón E, Tamayo E, Martín-García D, Álvarez FJ, Herrera-Gómez F. Clinical Profile, Treatment and Predictors during the First COVID-19 Wave: A Population-Based Registry Analysis from Castile and Leon Hospitals. *Int J Environ Res Public Health*. 2020 Dec 14;17(24):9360. <https://doi.org/10.3390/ijerph17249360>. PMID: 33327546; PMCID: PMC7765016.
- Bielza R, Sanz J, Zambrana F, Arias E, Malmierca E, Portillo L, Thuissard IJ, Lung A, Neira M, Moral M, Andreu-Vázquez C, Esteban A, Ramírez MI, González L, Carretero G, Moreno RV, Martínez P, López J, Esteban-Ortega M, García I, Vaquero MA, Linares A, Gómez-Santana A, Gómez Cerezo J. Clinical Characteristics, Frailty, and Mortality of Residents With COVID-19 in Nursing Homes of a Region of Madrid. *J Am Med Dir Assoc*. 2021 Feb;22(2):245-252.e2. <https://doi.org/10.1016/j.jamda.2020.12.003>. Epub 2020 Dec 11. PMID: 33417840; PMCID: PMC7833075.
- García CN. Socioeconomic, demographic and healthcare determinants of the COVID-19 pandemic: an ecological study of Spain. *BMC Public Health*. 2021 Mar 29;21(1):606. <https://doi.org/10.1186/s12889-021-10658-3>. PMID: 33781245; PMCID: PMC8006121.
- Vrotsou K, Rotaeche R, Mateo-Abad M, Machón M, Vergara I. Variables associated with COVID-19 severity: an observational study of non-paediatric confirmed cases from the general population of the Basque Country, Spain. *BMJ Open*. 2021 Apr 1;11(4):e049066. <https://doi.org/10.1136/bmjopen-2021-049066>. PMID: 33795313; PMCID: PMC8024058.



- Moreno-Torres V, de la Fuente S, Mills P, Muñoz A, Muñoz E, Ramos A, Fernández-Cruz A, Arias A, Pintos I, Vargas JA, Cuervas-Mons V, de Mendoza C. Major determinants of death in patients hospitalized with COVID-19 during the first epidemic wave in Madrid, Spain. *Medicine (Baltimore)*. 2021 Apr 23;100(16):e25634. <https://doi.org/10.1097/MD.00000000000025634>. PMID: 33879741; PMCID: PMC8078308.
- Cacho PM, Hernández JL, López-Hoyos M, Martínez-Taboada VM. Can climatic factors explain the differences in COVID-19 incidence and severity across the Spanish regions?: An ecological study. *Environ Health*. 2020 Oct 13;19(1):106. <https://doi.org/10.1186/s12940-020-00660-4>. PMID: 33050915; PMCID: PMC7552591.
- Fresán U, Guevara M, Elía F, Albéniz E, Burgui C, Castilla J; Working Group for the Study of COVID-19 in Navarra. Independent Role of Severe Obesity as a Risk Factor for COVID-19 Hospitalization: A Spanish Population-Based Cohort Study. *Obesity (Silver Spring)*. 2021 Jan;29(1):29-37. <https://doi.org/10.1002/oby.23029>. Epub 2020 Dec 6. PMID: 32885905.
- Prieto-Alhambra D, Balló E, Coma E, Mora N, Aragón M, Prats-Urbe A, Fina F, Benítez M, Guiriguet C, Fàbregas M, Medina-Peralta M, Duarte-Salles T. Filling the gaps in the characterization of the clinical management of COVID-19: 30-day hospital admission and fatality rates in a cohort of 118 150 cases diagnosed in outpatient settings in Spain. *Int J Epidemiol*. 2021 Jan 23;49(6):1930-1939. <https://doi.org/10.1093/ije/dyaa190>. PMID: 33118037; PMCID: PMC7665572.
- Ramos-Rincon JM, Buonaiuto V, Ricci M, Martín-Carmona J, Paredes-Ruiz D, Calderón-Moreno M, Rubio-Rivas M, Beato-Pérez JL, Arnalich-Fernández F, Monge-Monge D, Vargas-Núñez JA, Acebes-Repiso G, Mendez-Bailon M, Perales-Fraile I, García-García GM, Guisado-Vasco P, Abdelhady-Kishta A, Pascual-Pérez MD, Rodríguez-Fernández-Viagas C, Montañó-Martínez A, López-Ruiz A, Gonzalez-Juarez MJ, Pérez-García C, Casas-Rojo JM, Gómez-Huelgas R; SEMI-COVID-19 Network. Clinical Characteristics and Risk Factors for Mortality in Very Old Patients Hospitalized With COVID-19 in Spain. *J Gerontol A Biol Sci Med Sci*. 2021 Feb 25;76(3):e28-e37. <https://doi.org/10.1093/geron/glaa243>. PMID: 33103720; PMCID: PMC7797762.
- Muñoz-Rodríguez JR, Gómez-Romero FJ, Pérez-Ortiz JM, López-Juárez P, Santiago JL, Serrano-Oviedo L, Redondo-Calvo FJ; COVID-19 SESCAM Network. Characteristics and Risk Factors Associated With Mortality in a Multicenter Spanish Cohort of Patients With COVID-19 Pneumonia. *Arch Bronconeumol*. 2021 Apr;57:34-41. <https://doi.org/10.1016/j.arbres.2021.02.021>. Epub 2021 Mar 9. PMID: 34629641; PMCID: PMC7939995.
- Castilla J, Guevara M, Miqueleiz A, Baigorria F, Ibero-Esparza C, Navascués A, Trobajo-Sanmartín C, Martínez-Baz I, Casado I, Burgui C, Ezpeleta C, The Working Group For The Study Of Covid-In Navarra. Risk Factors of Infection, Hospitalization and Death from SARS-CoV-2: A Population-Based Cohort Study. *J Clin Med*. 2021 Jun 13;10(12):2608. <https://doi.org/10.3390/jcm10122608>. PMID: 34199198; PMCID: PMC8231921.
- Risk Categories in COVID-19 Based on Degrees of Inflammation: Data on More Than 17,000 Patients from the Spanish SEMI-COVID-19 Registry.
- Rubio-Rivas M, Corbella X, Formiga F, Menéndez Fernández E, Martín Escalante MD, Baños Fernández I, Arnalich Fernández F, Del Corral-Beamonte E, Lalueza A, Parra Virto A, Roy Vallejo E, Loureiro-Amigo J, Álvarez Suárez AM, Abadía-Otero J, Navarro De La Chica M, Estévez González R, Hernández Milián A, Areses Manrique M, Blázquez Encinar JC, González Noya A, González Ferrer R, Pérez Aguilera M, Gil Sánchez R, Millán Núñez-Cortés J, Casas-Rojo JM, On Behalf Of The Semi-Covid-Network. Risk Categories in COVID-19 Based on Degrees of Inflammation: Data on More Than 17,000 Patients from the Spanish SEMI-COVID-19 Registry. *J Clin Med*. 2021 May 20;10(10):2214. <https://doi.org/10.3390/jcm10102214>. PMID: 34065316; PMCID: PMC8161115.
- Candel FJ, Barreiro P, San Román J, Del Mar Carretero M, Sanz JC, Pérez-Abeledo M, Ramos B, Viñuela-Prieto JM, Canora J, Martínez-Peromingo FJ, Barba R, Zapatero A; investigators of the SeroSOS study. The demography and characteristics of SARS-CoV-2 seropositive residents and staff of nursing homes for older adults in the Community of Madrid: the SeroSOS study. *Age Ageing*. 2021 Jun 28;50(4):1038-1047. <https://doi.org/10.1093/ageing/afab096>. PMID: 33945607; PMCID: PMC8135991.
- Casas-Rojo JM, Antón-Santos JM, Millán-Núñez-Cortés J, Lumbreras-Bermejo C, Ramos-Rincón JM, Roy-Vallejo E, Artero-Mora A, Arnalich-Fernández F, García-Bruñén JM, Vargas-Núñez JA, Freire-Castro SJ, Manzano-Espinosa L, Perales-Fraile I, Crestelo-Viéitez A, Puchades-Gimeno F, Rodilla-Sala E, Solís-Marquín MN, Bonet-Tur D, Fidalgo-Moreno MP, Fonseca-Aizpuru EM, Carrasco-Sánchez FJ, Rabadán-Pejenante E, Rubio-Rivas M, Torres-Peña JD, Gómez-Huelgas R; en nombre del Grupo SEMI-COVID-19 Network. Clinical characteristics of patients hospitalized with COVID-19 in Spain: Results from the SEMI-COVID-19 Registry. *Rev Clin Esp (Barc)*. 2020 Nov;220(8):480-494. <https://doi.org/10.1016/j.rce.2020.07.003>. Epub 2020 Jul 19. PMID: 32762922; PMCID: PMC7480740.



- Coll M, Ortega-Cerdà M, Mascarell-Rocher Y. Ecological and economic effects of COVID-19 in marine fisheries from the Northwestern Mediterranean Sea. *Biol Conserv.* 2021 Mar;255:108997. <https://doi.org/10.1016/j.biocon.2021.108997>. Epub 2021 Feb 4. PMID: 33558776; PMCID: PMC7859691.
- Modeling the Spatiotemporal Epidemic Spreading of COVID-19 and the Impact of Mobility and Social Distancing Interventions. DOI: <https://doi.org/10.1103/PhysRevX.10.041055>
- Donoso-Navarro E, Arribas Gómez I, Bernabeu-Andreu FA. IL-6 and Other Biomarkers associated with Poor Prognosis in a Cohort of Hospitalized Patients with COVID-19 in Madrid. *Biomark Insights.* 2021 May 24;16:11772719211013363. <https://doi.org/10.1177/11772719211013363>. PMID: 34103886; PMCID: PMC8150444.
- Lalueza A, Lora-Tamayo J, de la Calle C, Sayas-Catalán J, Arrieta E, Maestro G, Mancheño-Losa M, Marchán-López Á, Díaz-Simón R, García-García R, Catalán M, García-Reyne A, de Miguel-Campo B, Lumbreras C. Utilidad de las escalas de sepsis para predecir el fallo respiratorio y la muerte en pacientes con COVID-19 fuera de las Unidades de Cuidados Intensivos [The early use of sepsis scores to predict respiratory failure and mortality in non-ICU patients with COVID-19]. *Rev Clin Esp.* 2020 Nov 7. Spanish. <https://doi.org/10.1016/j.rce.2020.10.004>. Epub ahead of print. PMID: 33191944; PMCID: PMC7648653.
- Satué-Gracia EM, Vila-Córcoles A, de Diego-Cabanes C, Vila-Rovira A, Torrente-Fraga C, Gómez-Bertomeu F, Hospital-Guardiola I, Ochoa-Gondar O, Martín-Luján F. Susceptibility and risk of SARS-COV-2 infection among middle-aged and older adults in Tarragona area, Spain. *Med Clin (Barc).* 2022 Mar 25;158(6):251-259. <https://doi.org/10.1016/j.medcli.2021.03.027>. Epub 2021 May 7. PMID: 34074472; PMCID: PMC8103142.

Indirect Impact Health Indicators:

The Carlos III Health Institute (ISCIII), in collaboration with the Ministry of Health, World Health Organization and two regional universities coordinates a behavioural insights study, the COSMO-Spain (<https://portalcne.isciii.es/cosmo-spain/>). It is the first population study focused on gathering data on knowledge, attitudes, and practices about COVID-19 in Spain.

The first round of the study was carried out between 27th July 2020 and 3rd August 2020 and it is still on going. The last data published come from Round 10 (a survey carried out between 25th February 2022 and 4rd March 2022). Between the questions included in the survey, one is related to mental health through the WHO-5 wellbeing index.

The MINDCOVID project aims to study the mental health of healthcare workers, COVID-19 patients and their close contacts, and adults from the general Spanish adult population. These represent three potentially vulnerable groups to the negative mental health impact of the COVID-19 pandemic. It aims to provide a comprehensive assessment of the impact on mental health of the current COVID-19 outbreak in Spain. Publications section:

<https://www.mindcovid.org/publications>

Since December 2020, the Spanish Ministry of Health, together with the Regional Health Authorities, have been working in the evaluation of the National Health System performance along the pandemic. Since then, a plan describing the evaluation framework for the assessment has been elaborated (defining the scope, objectives, and the required indicators to comprehensively assess the system) and four experts have been chosen to plan and coordinate the evaluation. Results are expected this year.

Further information:

https://es.scribd.com/document/563583235/Informe-del-grupo-de-trabajo-sobre-el-marco-para-la-realizacion-de-una-evaluacion-independiente-del-desempeno-del-Sistema-Nacional-de-Salud-frente-a-#from_embed

<https://www.lamoncloa.gob.es/serviciosdepremsa/notasprensa/sanidad14/Paginas/2021/220921-interterritorialevaluacion.aspx>

Sweden

A number of studies on mental illness, loneliness etc have been conducted in Sweden and results are available (in Swedish) at the FOHM web page <https://www.halsorapport.se/sv/resultat/resultat-december-2021-resultat-fran-halsorapports-enkat-om-psykisk-halsa/>

Excess mortality (in Swedish; överdödlighet) are analysed on an ongoing basis using the MOMO model. The following report, which is updated weekly, puts excess mortality in relation to deceased confirmed COVID cases. The reports can be found at the web page



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101018317

www.phiri.eu

Gesundheit Österreich
GmbH

	<p>https://www.folkhalsomyndigheten.se/smittskydd-beredskap/utbrott/aktuella-utbrott/covid-19/statistik-och-analyser/analys-och-prognoser/ under the heading Överdödlighet.</p> <p>Link to the latest published report on excess mortality (Rapport om överdödlighet till och med vecka 11 (2022-04-07) PDF, 867 kB), in Swedish: https://www.folkhalsomyndigheten.se/contentassets/4b4dd8c7e15d48d2be744248794d1438/rapport-overdodlighet-till-och-med-vecka-11-2022.pdf</p>
<p>United Kingdom</p>	<p>Studies on the following topics has been published: Excess mortality, Direct impact of covid, Indirect impact of covid, Years of life lost, Change in life expectancy, Diminished sense of well being, Deteriorated mental state and Burden of disease, although largely through indirect impact.</p> <ul style="list-style-type: none"> - DelPozo-Banos M et al. Healthcare contacts with self-harm during COVID-19: an e-cohort whole-population-based study using individual-level linked routine electronic health records in Wales, UK, 2016 - March 2021. PLoS ONE (accepted 31/03/22). - Joliffe D et al. Vitamin D Supplements for Prevention of Covid-19 or other Acute Respiratory Infections: a Phase 3 Randomized Controlled Trial (CORONAVIT). MedRxiv (23/03/22). https://doi.org/10.1101/2022.03.22.22271707 - Torabi F et al. Impact of COVID19 pandemic on community medication dispensing: a national cohort analysis in Wales, UK. IJPDS. (accepted 06/03/22). - Perry M et al. COVID-19 vaccine effectiveness in adults aged 50 years and older in Wales UK, a population data-linkage cohort approach. Human Vaccines & Immunotherapeutics 2022 https://doi.org/10.1080/21645515.2022.2031774 (published 03/03/22). - Bedston S et al. COVID-19 vaccine uptake, effectiveness and waning in 93,000 health care workers: a national prospective cohort study in Wales. Vaccine 2022;40:27-34. 10.1016/j.vaccine.2021.11.061 - Hollinghurst J et al. COVID-19 risk factors amongst 14,786 care home residents: An observational longitudinal analysis including daily community positive test rates of COVID-19, hospital stays, and vaccination status in Wales (UK) between 1st September 2020 and 1st May 2021 (accepted Age and Ageing 14/02/22). - Snooks H et al. Call volume, triage outcomes, and protocols during the first wave of the COVID-19 pandemic in the United Kingdom: Results of a national survey. JACEP Open 2021 (published 02/08/21) https://doi.org/10.1002/emp2.12492 - Talaie M et al. Determinants of pre-vaccination serologic responses to SARS-CoV-2: a population-based longitudinal study (COVIDENCE UK). BMC Med 20, 87 (2022). https://doi.org/10.1186/s12916-022-02286-4 (published 22/02/22). - Marchant E et al. COVID-19 mitigation measures in primary schools and association with infection and school staff wellbeing: an observational survey linked with routine data in Wales, UK. PLoS ONE 2022;17(2): e0264023 https://doi.org/10.1371/journal.pone.0264023 (published 18/02/22). - Vasileiou E et al. Investigating the uptake, effectiveness and safety of COVID-19 vaccines: protocol for an observational study using linked UK national data. BMJ Open 2022;12:e050062. https://doi.org/10.1136/bmjopen-2021-050062 https://bmjopen.bmj.com/content/bmjopen/12/2/e050062.full.pdf (published 09/02/22). - Lyons J et al. Validating the QCOVID risk prediction algorithm for risk of mortality from COVID-19 in the adult population in Wales, UK, IJPDS 2022 5:4:13 (published 16/02/22). https://doi.org/10.23889/ijpds.v5i4.1697 - Holt H et al. Risk factors for developing COVID-19: a population based longitudinal study (COVIDENCE UK). Thorax http://dx.doi.org/10.1136/thoraxjnl-2021-217487 (published 30/11/21). - Daniels H et al. Epilepsy mortality in Wales during COVID-19. Seizure 2021; 94: 39-42. https://doi.org/10.1016/j.seizure.2021.11.017 (published 27/11/21). - Hollinghurst J et al. COVID-19 infection risk amongst 14,104 vaccinated care home residents: a national observational longitudinal cohort study in Wales, UK, December 2020–March 2021. Age and Ageing 2022;51:1 https://doi.org/10.1093/ageing/afab223 (published 17/11/21). - Hippisley-Cox J et al. Risk prediction of covid-19 related death and hospital admission in adults after covid-19 vaccination: national prospective cohort study. BMJ 2021;374:n2244 http://dx.doi.org/10.1136/bmj.n2244 (published 17/09/21). - Perry M et al. Inequalities in coverage of COVID-19 vaccination: a population register based cross-sectional study in Wales, UK. Vaccine 2021 https://doi.org/10.1016/j.vaccine.2021.09.019 (published 08/09/21) - Snooks H et al. Call volume, triage outcomes and protocols during the first wave of the COVID-19 pandemic in the UK: results of a national survey. Journal of the American College of Emergency Physicians Open https://doi.org/10.1002/emp2.12492. (published 02/08/21).



<ul style="list-style-type: none"> - Simpson CR et al.. First-dose ChAdOx1 and BNT162b2 COVID-19 vaccines and thrombocytopenic, thromboembolic and hemorrhagic events in Scotland. NMed 2021 - https://doi.org/10.1038/s41591-021-01408-4 (published 09/06/21). https://www.nature.com/articles/s41591-021-01408-4 - Nafilyan V et al. An external validation of the QCovid risk prediction algorithm for risk of mortality from COVID-19 in adults: national validation cohort study in England. The Lancet Digital Health 2021, https://doi.org/10.1016/S2589-7500(21)00080-7 (published 25/05/21). - Alsallakh MA et al. Impact of COVID-19 lockdown on the incidence and mortality of acute exacerbations of chronic obstructive pulmonary disease: national interrupted time series analyses for Scotland and Wales. BMC Med 19, 124 (2021). https://doi.org/10.1186/s12916-021-02000-w. (published 17/05/21). - Dobbs TD et al. Surgical activity in England and Wales during the COVID-19 pandemic: a nationwide observational cohort study. British Journal of Anaesthesia 2021 https://doi.org/10.1016/j.bja.2021.05.001 (published 17/06/21). - Thompson DA et al. Staff-Pupil SARS-CoV-2 Infection Pathways in Schools in Wales: A Population Level Linked Data Approach. BMJ Paediatrics Open 2021;5:ee00149. https://doi.org/10.1136/bmjpo-2021-001049 (published 10/05/21). https://bmjpaedsopen.bmj.com/content/bmjpo/5/1/e001049.full.pdf - Davies GA et al. Impact of COVID-19 lockdown on emergency asthma admissions and deaths: national interrupted time series analyses for Scotland and Wales. Thorax 2021 https://doi.org/10.1136/thoraxjnl-2020-216380 (Published 29/03/21). https://thorax.bmj.com/content/early/2021/02/11/thoraxjnl-2020-216380 - Lyons J et al (2020) Understanding and responding to COVID19 in Wales: protocol for a privacy protecting data platform for enhanced epidemiology and evaluation of interventions. BMJ Open 2020;10:e043010. https://doi.org/10.1136/bmjopen-2020-043010 (published 21/10/20). https://bmjopen.bmj.com/content/bmjopen/10/10/e043010.full.pdf - Cliff AK et al. Living risk prediction algorithm (QCOVID) for risk of hospital admission and mortality from coronavirus 19 in adults: national derivation and validation cohort. BMJ 2020;371:m3731 https://doi.org/10.1136/bmj.m3731 (published 20/10/20). <p>Not yet published but accepted: Greene G et al Impact of the SARS-CoV-2 pandemic on the female breast, colorectal and non-small cell lung cancer incidence, stage and healthcare pathway to diagnosis during 2020 in Wales, UK using a national cancer clinical record system. British Journal of Cancer (accepted 05/04/22).</p>

