Vaccines and Global Health: The Week in Review
03 September 2022 :: Issue 669
Center for Vaccine Ethics & Policy (CVEP)

This weekly digest targets news, events, announcements, articles and research in the vaccine and global health ethics and policy space and is aggregated from key governmental, NGO, international organization and industry sources, key peer-reviewed journals, and other media channels. This summary proceeds from the broad base of themes and issues monitored by the Center for Vaccine Ethics & Policy in its work: it is not intended to be exhaustive in its coverage.

Vaccines and Global Health: The Week in Review is published as a PDF and scheduled for release each Saturday [U.S.] at midnight [0000 GMT-5]. The PDF is posted and the elements of each edition are presented as a set of blog posts at https://centerforvaccineethicsandpolicy.net. This blog allows full text searching of over 23,000 entries.

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Contents [click to move among sections]
:: Coronavirus [COVID-19] - WHO
:: Organization Announcements
:: Journal Watch
Half of health care facilities globally lack basic hygiene services – WHO, UNICEF

GENEVA/NEW YORK, 30 AUGUST 2022 – Half of health care facilities worldwide lack basic hygiene services with water and soap or alcohol-based hand rub where patients receive care and at toilets in these facilities, according to the latest Joint Monitoring Programme (JMP) report by WHO and UNICEF. Around 3.85 billion people use these facilities, putting them at greater risk of infection, including 688 million people who receive care at facilities with no hygiene services at all.

“Hygiene facilities and practices in health care settings are non-negotiable. Their improvement is essential to pandemic recovery, prevention and preparedness. Hygiene in health care facilities cannot be secured without increasing investments in basic measures, which include safe water, clean toilets, and safely managed health care waste,” said Dr Maria Neira, WHO Director, Department of Environment, Climate Change and Health. “I encourage Member States to step up their efforts to implement their 2019 World Health Assembly commitment to strengthen water, sanitation and hygiene (WASH) services in health care facilities, and to monitor these efforts.”

The latest report, “Progress on WASH in health care facilities 2000–2021: special focus on WASH and infection prevention and control”, has for the first time established this global baseline on hygiene services – which assessed access at points of care as well as toilets – as more countries than ever report on critical elements of WASH services in their hospitals and other health centres. For hygiene, data are now available for 40 countries, representing 35% of the world’s population, up from 21 countries in 2020 and 14 in 2019.

The newly established global estimate reveals a clearer and more alarming picture of the state of hygiene in health care facilities. Though 68% of health care facilities had hygiene facilities at points of care, and 65% had handwashing facilities with water and soap at toilets, only 51% had both and therefore met the criteria for basic hygiene services. Furthermore, 1 in 11 (9%) of health care facilities globally have neither.

“If health care providers don’t have access to a hygiene service, patients don’t have a health care facility,” said Kelly Ann Naylor, UNICEF Director of WASH and Climate, Environment, Energy, and Disaster Risk Reduction (CEED). “Hospitals and clinics without safe water and basic hygiene and sanitation services are a potential death trap for pregnant mothers, newborns, and children. Every year, around 670,000 newborns lose their lives to sepsis. This is a travesty – even more so as their deaths are preventable.”

The report notes that contaminated hands and environments play a significant role in pathogen transmission in health care facilities and the spread of antimicrobial resistance. Interventions to increase access to handwashing with water and soap and environmental cleaning form the cornerstone of infection prevention and control programmes and are crucial to providing quality care, particularly for safe childbirth.

Coverage of WASH facilities is still uneven across different regions and income groupings:
- **Facilities in sub-Saharan Africa are lagging on hygiene services.** While three-quarters (73%) of health care facilities in the region overall have alcohol-based hand rub or water and soap at points of care, only one-third (37%) have handwashing facilities with water and soap at toilets. The vast majority (87%) of hospitals have hand hygiene facilities at points of care, compared to 68% of other healthcare facilities.

- **In the Least Developed Countries, only 53% of health care facilities have access on-premises to a protected water source.** To compare, the global figure is 78% with hospitals (88%) doing better than smaller health care facilities (77%), and the figure for eastern and south-eastern Asia is 90%. Globally, around 3% of health care facilities in urban areas and 11% in rural areas had no water service.

- **Of the countries with available data, 1 in 10 health care facilities globally had no sanitation service.** The proportion of health care facilities with no sanitation services ranged from 3% in Latin America and the Caribbean and in eastern and south-eastern Asia to 22% in sub-Saharan Africa. In the Least Developed Countries, just 1 in 5 (21%) had basic sanitation services in health care facilities.

- The data further reveals that many health care facilities lack basic environmental cleaning and safe segregation and disposal of health care waste.

The report is being launched at World Water Week taking place in Stockholm, Sweden. The annual conference, which runs from 23 August to 1 September, explores new ways to tackle humanity’s greatest challenges: from food security and health to agriculture, technology, biodiversity and climate.

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**PHEIC**

**Monkepox**

**Multi-country outbreak of monkeypox, External situation report #4 - 24 August 2022**

**Highlights**

:: During the week of 15 to 21 August, the number of cases reported in the Region of the Americas shows a continuing steep rise, confirming trends seen over the last several weeks. Globally, after four consecutive weeks of increase, the number of monkeypox cases reported declined by 21% overall during the same week (n=5907 cases) as compared to the previous week (n=7477 cases). This decrease may reflect early signs of a declining case count in the European region, which would need to be subsequently confirmed.

:: On 8 August, WHO convened a meeting of two WHO Collaborating Centres for orthopoxviruses and other experts in poxvirology and viral evolution to consider the naming of monkeypox virus (MPXV) variants. Henceforth, the Congo Basin or Central African clade will be referred to as Clade I; the West African clade will be referred to as Clade II, with subclades IIa and IIb, the latter referring to the variant that is predominant in the multi-country outbreak.

:: WHO has updated the interim guidance on vaccines and immunization for monkeypox. Updates include a clearer emphasis on the groups at risk of monkeypox for consideration for preventive vaccination, and updated terminology for pre- and post-exposure vaccination. To reduce confusion with the terms used in the management of HIV, the changes include using primary preventive (pre-exposure) vaccination (PPV) rather than pre-exposure prophylaxis (PrEP), and post-exposure vaccination (PEPV) rather than post-exposure prophylaxis (PEP).
Weekly Epidemiological and Operational updates
Last update: 19 Aug 2022

Confirmed cases: 601 189 435
Confirmed deaths: 6 475 346
Vaccine doses administered: 12 449 443 718

Weekly epidemiological update on COVID-19 - 31 August 2022

Overview
Globally, the number of weekly cases decreased by 16% during the week of 22 to 28 August 2022 as compared to the previous week, with over 4.5 million new cases reported.

The number of new weekly deaths also decreased as compared to the previous week, with over 13 500 fatalities reported.

As of 28 August 2022, over 598 million confirmed cases and over 6.4 million deaths have been reported globally...

Figure 1. COVID-19 cases reported weekly by WHO Region, and global deaths, as of 28 August 2022**
**Status of COVID-19 Vaccines within WHO EUL/PO evaluation process 07 July 2022**

[New additions; Full scale view available at title link above]

**UNICEF COVID-19 Vaccine Market Dashboard :: Agreements Table Accessed 03 Sep 2022**

An overview of information collected from publicly announced bilateral and multilateral supply agreements [no new agreements since 3/20/2022 reported]

- **40** vaccines approved for use by at least one national regulatory authority
- **11** vaccines in WHO’s Emergency Use Listing
- **1.64bn** doses shipped through COVAX to **146** countries
- **$2-$40** reported vaccine price range per dose
- **18.0bn** doses secured globally
- **21K** novel oral antiviral therapeutic treatments arrived in **1** countries

**Global Dashboard on COVID-19 Vaccine Equity**

The Dashboard is a joint initiative of UNDP, WHO and the University of Oxford with cooperation across the UN system, anchored in the SDG 3 Global Action Plan for Healthy Lives and Well-being for All.

**Dashboard on Vaccine Equity** [accessed 03 Sep 2022]: [https://data.undp.org/vaccine-equity/](https://data.undp.org/vaccine-equity/)

See also visualization on Vaccine Access and Vaccine Affordability

**COVID-19 Global Targets and Progress Tracker - IMF**

The COVID-19 Global Targets and Progress Tracker presents a consolidated view of the progress towards global COVID-19 targets, barriers in access to COVID-19 tools, and delivery of donor pledges.
The global targets presented in the Tracker are based on an alignment of the targets identified in the IMF Pandemic Proposal, ACT-A Strategic Plan & Budget, and the US-hosted Global C19 Summit, and as such have been reaffirmed by multilateral institutions and global leaders. We will continue to enhance the tracker as we improve our data collection efforts.

Duke – Launch and Scale Speedometer

**The Race for Global COVID-19 Vaccine Equity**

A flurry of nearly 200 COVID-19 vaccine candidates are moving forward through the development and clinical trials processes at unprecedented speed; more than ten candidates are already in Phase 3 large-scale trials and several have received emergency or limited authorization. Our team has aggregated and analyzed publicly available data to track the flow of procurement and manufacturing and better understand global equity challenges. We developed a data framework of relevant variables and conducted desk research of publicly available information to identify COVID vaccine candidates and status, deals and ongoing negotiations for procurement and manufacturing, COVID burden by country, and allocation and distribution plans. We have also conducted interviews with public officials in key countries to better understand the context and challenges facing vaccine allocation and distribution [accessed 24 July 2021]

See our COVID Vaccine Purchases research
See our COVID Vaccine Manufacturing research
See our COVID Vaccine Donations & Exports research
COVID-19 Vaccine Roll-out

Global COVID-19 Figures: 119M total confirmed cases; 2.3M total confirmed deaths
Global vaccines administered: 12.6B

Number of Countries: 28
COVAX Allocations Round 4-9 (Number of Doses): 170M
COVAX Delivered (Number of Doses): 350M
Other Delivered (Number of Doses): 380M
Total Delivered (Number of Doses): 740M
Total Administered (Number of Doses): 490M
Global COVID-19 Access Tracker
https://www.covid19globaltracker.org/

The ACT-Accelerator and Multilateral Leaders Task Force Global COVID-19 Access Tracker (GCAT) is a dynamic tool to transparently track progress towards the global targets for access to COVID-19 vaccines, treatments, tests and PPE.

**Vaccination**
- 79 countries with vaccination coverage >72%
- 1.64 Bn doses delivered by COVAX to date

**Testing**
- 24 countries testing daily at rate >100/100K pop
- 951 Mn tests delivered via ACT-A to date

**Therapeutics**
- All cases cared for in all countries (unavailable)
- US$ 238 Mn treatments & C1 supplies delivered via ACT-A to date

**Health Workers**
- All healthcare workers protected (unavailable)
- US$ 565 Mn personal protective equipment (PPE) delivered via ACT-A to date

Website accessed 03 Sep 2022: https://data.covid19taskforce.com/data

The global view below is complemented by country-specific dashboards here.
Our World in Data

Coronavirus (COVID-19) Vaccinations  [Accessed 03 Sep 2022]

:: 67.7% of the world population has received at least one dose of a COVID-19 vaccine.
:: 12.58 billion doses have been administered globally, and 4.74 million are now administered each day.
:: Only 20.9% of people in low-income countries have received at least one dose.

U.S.: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

HHS

News

HHS Funds U.S.-Based Production of Smallpox and Monkeypox Vaccine
August 29, 2022 | News Release

The U.S. Department of Health and Human Services (HHS) will provide approximately $11 million to support the first U.S.-based fill and finish manufacturing of JYNNEOS – a vaccine approved to prevent smallpox and monkeypox – at Grand River Aseptic Manufacturing (GRAM) in Grand Rapids, Michigan...

FDA

Press Announcements

Europe: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

European Medicines Agency

News & Press Releases
News: First adapted COVID-19 booster vaccines recommended for approval in the EU (new)
CHMP, Last updated: 01/09/2022

European Centre for Disease Prevention and Control
https://www.ecdc.europa.eu/en
Latest Updates [Selected]
News
Monkeypox situation update, as of 1 September 2022
Epidemiological update - 2 Sep 2022

News
Weekly COVID-19 country overview
Epidemiological update - 1 Sep 2022

News
Joint ECDC-WHO/Europe monkeypox surveillance bulletin
Epidemiological update - 31 Aug 2022

News
WHO Regional Office for Europe publishes Considerations for the control and elimination of monkeypox in the WHO European Region
News story - 30 Aug 2022

Publication
Long-term qualitative scenarios and considerations of their implications for preparedness and response to the COVID-19 pandemic in the EU/EEA
Guidance - 29 Aug 2022

European Commission
https://ec.europa.eu/commission/presscorner/home/en
Latest [Selected]
Press release 2 September 2022
COVID-19: Commission rallies Member States to prepare for autumn and winter
Today, the Commission is proposing concrete measures to avoid a surge of COVID-19 cases in the upcoming autumn and winter season.

Statement 1 September 2022
European Health Union: Statement by Commissioner Stella Kyriakides on the authorisation of the first COVID-19 variant-adapted booster vaccines
Today, the European Medicines Agency (EMA) has given a positive opinion on the first two variant-adapted COVID-19 booster vaccines: Comirnaty and Spikevax, by BioNTech-Pfizer and Moderna respectively.
Africa: COVID-19 – Announcements/Regulatory Actions/Deployment
https://africacdc.org/covid-19-vaccination/

Russia: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

Russia: Sputnik V – "the first registered COVID-19 vaccine"
https://sputnikvaccine.com/newsroom/pressreleases/
Press Releases
The Gamaleya Center study in animals shows the intranasally delivered Sputnik V vaccine induces robust and durable immune response to coronavirus
Press release, 31.08.2022

India: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

Ministry of Health and Family Welfare
https://www.mohfw.gov.in/
Government of India – Press Information Bureau
Latest Press Releases
COVID - 19 Vaccination Update - Day 596
- India’s cumulative vaccination coverage crosses 213.18 Crore
  More than 15 lakh Vaccine doses administered today till 7 pm
Posted On: 03 SEP 2022 8:10PM by PIB Delhi

Indian Council for Medical Research (ICMR)
https://www.icmr.gov.in/media.html
Press Releases
No new digest content identified.

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China: COVID-19 Vaccines – Announcements/Regulatory Actions/Deployment

[We did not identify any substantive, official announcements about China’s COVID response in general, or in Shanghai, Beijing or other China locations...]

Reuters, 3 Sep 2022
Shenzhen districts locked down as China battles COVID outbreaks
By David Kirton
- Most districts locked down in tech hub of 18 million
- Mass testing, transport suspension takes effect
- In Chengdu, schools to close from Monday
  SHENZHEN, China, Sept 3 (Reuters) - Most residents of the Chinese tech hub of Shenzhen went into a weekend lockdown on Saturday as mass COVID-19 testing kicked off in much of the city of 18 million people.
  The lockdown, and the suspension of bus and subway services, came into effect two days after city authorities said rumours about a lockdown were based on a "misinterpretation" of the latest COVID-19 prevention and control measures...

Financial Times, September 1 2022
China waits on ‘miracle’ to end zero-Covid policy
Strategy hinges on vaccine breakthrough despite mounting costs as Xi Jinping prepares to secure third term
Edward White in Seoul
  In Shenzhen, one of the world’s most important technology and manufacturing centres, all it took was 35 coronavirus cases for officials to lock down swaths of the city of 17.5mn people.
  Officials in Chengdu, in China’s south-west, on Thursday announced a citywide lockdown affecting 21mn people after 156 new local cases were reported.
  Since Sunday, partial lockdowns, mass testing campaigns, public transport suspensions and school closures have been imposed across a number of Chinese cities, including Harbin and Tianjin in the north-east.
Yet experts believe President Xi Jinping’s zero-Covid policy will continue into 2023, until Chinese scientists develop vaccine technology to stop coronavirus from spreading or for a dominant mutation to emerge with significantly less severe health consequences than the Omicron variant...

GPEI - Polio

**Polio this week as of 31 Aug 2022**

:: **African Ministers of Health Commit to Polio Eradication Efforts:** This year’s detection of imported wild poliovirus in Malawi and Mozambique set off a series of coordinated campaigns across East Africa, as countries acted to swiftly protect their populations and prevent further transmission. On 24 August, in a special side session to the 72nd Meeting of the WHO Regional Committee for Africa in Lomé, Togo, Ministers of Health from these responding committed to improving vaccination campaigns, strengthening disease surveillance and continuing to lead in the rollout of the novel oral polio vaccine (nOPV2), hearing from Dr. Matshidiso Moeti (Director, WHO AFRO), Dr. Modjirom Ndoutabe (Polio Programme Coordinator, WHO AFRO) and Chris Elias (Chair, Polio Oversight Board) on what is needed to keep Africa wild polio-free.

:: **nOPV2 rollout:** Approximately 450 million doses of nOPV2 have been administered across 22 countries under its WHO Emergency Use Listing (EUL) to date. An additional 16 countries have met the requirements for nOPV2 use in the event of an outbreak. More information on nOPV2.

:: Last week, the Strategic Advisory Group of Experts on immunization (SAGE) Polio Working Group convened at WHO in Geneva, Switzerland, to discuss policy options and will formulate recommendations for endorsement to the upcoming full SAGE meeting, on 3-6 October 2022.

**Summary of new polioviruses this week:**

- Pakistan: one WPV1 case and four positive environmental samples
- Benin: two cVDPV2 cases
- Chad: four cVDPV2 cases
- DR Congo: two cVDPV2 cases
- Ghana: two cVDPV2 positive environmental samples
- Yemen: 18 cVDPV2 cases

UN OCHA – Current Emergencies

*Current Corporate Emergencies*

**Afghanistan**

**Afghanistan: Snapshot of Flash Floods in 2022 (as of 31 August 2022)**

**Afghanistan: Snapshot of Population Movements, January to August 2022 (As of 25 August 2022)**

**Northern Ethiopia**
No new digest content identified.

**Somalia**
No new digest content identified.

**Ukraine**
Ukraine: Situation Report - Last updated: 31 Aug 2022

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**WHO & Regional Offices** [to 03 Sep 2022]
https://www.who.int/news
Selected News/Announcements/Statement
2 September 2022
Departmental news
New strategies to tackle and end STIs epidemics

2 September 2022
Departmental news
STIs in 2022: emerging and re-emerging outbreaks

30 August 2022
Joint News Release
Half of health care facilities globally lack basic hygiene services – WHO, UNICEF

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**WHO Director General Speeches** [selected]
https://www.who.int/director-general/speeches
Selected
2 September 2022
Speech
WHO Director-General’s remarks at the Monkeypox Outbreak: virtual dialogue between affected communities and WHO leadership Geneva, Switzerland – 2 September 2022

1 September 2022
Speech
WHO Director-General's opening remarks at Member State Information Session on COVID-19 and other issues

1 September 2022
Keynote
WHO Director-General’s keynote speech at Health20 Summit: “A new age of health multilateralism, partnership and equity” - 1 September 2022

31 August 2022
Speech
**WHO Director-General’s opening remarks at media briefing – 31 August 2022**

30 August 2022
Speech

**WHO Director-General’s opening remarks at 12th meeting of the Technical Advisory Group on Behavioural Insights and Sciences for Health – 30 August 2022**

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**WHO Regional Offices**

*Selected Press Releases, Announcements*

**WHO African Region**

No new digest content identified.

**WHO Region of the Americas** PAHO

:: 1 Sep 2022 [South America region closer to eradicating foot-and-mouth disease](Ecuador, September 1, 2022 (PAHO)- With almost 99% of cattle free of foot and mouth disease (FMD), South America is moving towards its eradication. While the disease does not affect humans, it is highly contagious among animals and can cause significant losses to the agro-livestock sector. Over the past decade, progress has been significant:..]

:: 1 Sep 2022 [Information Note - Cases of pneumonia due to unknown cause under investigation in Tucuman, Argentina](PAHO continues to monitor along with Argentina health authorities Washington D.C. 2 September 2022 (PAHO) – The Pan American Health Organization (PAHO) is in contact with the Argentina Ministry of Health as they investigate a cluster of cases of pneumonia due to unknown cause in Tucuman Argentina. To date, a total of nine cases have been...]

:: 31 Aug 2022 [Experts meet to address persisting inequality for Afro-descendant populations in the Americas](On International Day for People of African Descent, PAHO participates in panels with WHO and with OAS and RIAFRO Washington D.C. 31 August 2022 (PAHO) - Persisting exclusion, racism and xenophobia in the Americas have led to reduced access to quality health services and worse health outcomes for Afro-descendent populations in the region,..]

**WHO South-East Asia Region** SEARO

:: 2 September 2022 News release

Health Ministers of WHO South-East Asia Region to deliberate on priority issues next week

**WHO European Region** EURO

:: 72nd session of the WHO Regional Committee for Europe

Tel Aviv, Israel, 12-14 September 2022

:: 2 September 2022 News release

How health authorities communicated the risks of monkeypox in advance of Berlin Pride

:: 1 September 2022 News release

Treating diabetes: WHO delivers insulin to hospitals in Ukraine

:: 1 September 2022 News release

Infodemics and misinformation negatively affect people’s health behaviours, new WHO review finds
**WHO Western Pacific Region**

*No new digest content identified.*

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**Disease Outbreak News (DONs)**

*Latest WHO Disease Outbreak News (DONs), providing information on confirmed acute public health events or potential events of concern.*

**2 September 2022 | Yellow fever - East, West, and Central Africa**

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**WHO Events**

https://www.who.int/news-room/events/1

[Selected]

**Global Evidence Review on Health and Migration: Capturing the evidence on access to essential antibiotics in migrant and refugee populations**

6 September 2022 14:00 – 15:00 CET
Virtual, on Zoom

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**New WHO Publications**

https://www.who.int/publications/i

*Selected Titles*

2 September 2022

**Mekong Malaria Elimination: epidemiology summary, volume 17, April–June 2022**

2 September 2022

**Mekong Malaria Elimination: epidemiology summary, volume 17, January–March 2022**

1 September 2022

**Criteria for validation of elimination of viral hepatitis B and C: report of 7 country pilots**

31 August 2022

**Human resources for medical devices, the role of biomedical engineers**

31 August 2022

**Mid-term review of the Strategic Action Plan to reduce the double burden of malnutrition in the WHO South-East...**

30 August 2022

**Progress on WASH in health care facilities 2000-2021: Special focus on WASH and infection prevention...**

29 August 2022
CDC recommends the first updated COVID-19 booster

September 1, 2022

Today, CDC Director Rochelle P. Walensky, M.D., M.P.H., endorsed the CDC Advisory Committee on Immunization Practices’ (ACIP) recommendations for use of updated COVID-19 boosters from Pfizer-BioNTech for people ages 12 years and older and from Moderna for people ages 18 years and older.

Updated COVID-19 boosters add Omicron BA.4 and BA.5 spike protein components to the current vaccine composition, helping to restore protection that has waned since previous vaccination by targeting variants that are more transmissible and immune-evading.

In the coming weeks, CDC also expects to recommend updated COVID-19 boosters for other pediatric groups, per the discussion and evaluation of the data by ACIP on Sept. 1, 2022. When data are available and FDA authorizes these other types of COVID-19 boosters, CDC will quickly move to help make them available in the United States.

The Food and Drug Administration’s (FDA) authorization of updated COVID-19 boosters, and CDC’s recommendation for use, are critical next steps forward in our country’s vaccination program—a program that has helped provide increased protection against COVID-19 disease and death.

The following is attributable to Dr. Walensky:

“The updated COVID-19 boosters are formulated to better protect against the most recently circulating COVID-19 variant. They can help restore protection that has waned since previous vaccination and were designed to provide broader protection against newer variants. This recommendation followed a comprehensive scientific evaluation and robust scientific discussion. If you are eligible, there is no bad time to get your COVID-19 booster and I strongly encourage you to receive it.”
National Vaccination Coverage Among Adolescents Aged 13–17 Years — National Immunization Survey-Teen, United States, 2021
- Parental Intentions and Perceptions Toward COVID-19 Vaccination Among Children Aged 4 Months to 4 Years — PROTECT Cohort, Four States, July 2021–May 2022
- COVID-19 mRNA Vaccine Safety Among Children Aged 6 Months–5 Years — United States, June 18, 2022–August 21, 2022
- Strategies Adopted by Gay, Bisexual, and Other Men Who Have Sex with Men to Prevent Monkeypox virus Transmission — United States, August 2022
- Modeling the Impact of Sexual Networks in the Transmission of Monkeypox virus Among Gay, Bisexual, and Other Men Who Have Sex With Men — United States, 2022

Coronavirus Disease 2019 (COVID-19)- CDC
Approximately 15 announcements/reports/data summaries.

Africa CDC  [to 03 Sep 2022]
http://www.africacdc.org/
News
No new digest content identified.

China CDC
http://www.chinacdc.cn/en/
National Health Commission of the People's Republic of China  [to 03 Sep 2022]
http://en.nhc.gov.cn/
News
Sept 3: Daily briefing on novel coronavirus cases in China
On Sept 2, 31 provincial-level regions and the Xinjiang Production and Construction Corps on the Chinese mainland reported 502 new cases of confirmed infections.

National Medical Products Administration – PRC  [to 03 Sep 2022]
http://english.nmpa.gov.cn/
News
Chinese mainland reports 318 new local confirmed COVID-19 cases
2022-09-02
The Chinese mainland Thursday reported 318 locally-transmitted confirmed COVID-19 cases, of which 128 were in Sichuan, the National Health Commission said Friday.

CCDC **Weekly Reports: Current Volume (4)**

2022-09-02 / No. 35

View PDF of this issue

- **Preplanned Studies:** Associations of Ambient NO2 with Daily Hospitalization, Hospitalization Expenditure and Length of Hospital Stay of Cause-Specific Respiratory Diseases — Shanxi, China, 2017–2019
- **Vital Surveillances:** Epidemiological Characteristics of Human Anthrax — China, 2018–2021
- **Vital Surveillances:** Epidemiological Analysis of Foodborne Botulism Outbreaks — China, 2004–2020
- **Vital Surveillances:** Epidemiological Characteristics of Human Rabies — Shandong Province, China, 2010–2020

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**Organization Announcements**

*Editor’s Note:*

Careful readers will note that the number and range of organizations now monitored in our *Announcements* section below has grown as the impacts of the pandemic have spread across global economies, supply chains and programmatic activity of multilateral agencies and INGOs.

**Paul G. Allen Frontiers Group**  [to 03 Sep 2022]


*News*

No new digest content identified.

**BMGF - Gates Foundation**  [to 03 Sep 2022]

[https://www.gatesfoundation.org/ideas/media-center](https://www.gatesfoundation.org/ideas/media-center)

*Press Releases and Statements*

No new digest content identified.

**Bill & Melinda Gates Medical Research Institute**  [to 03 Sep 2022]

[https://www.gatesmri.org/news](https://www.gatesmri.org/news)

*The Bill & Melinda Gates Medical Research Institute is a non-profit biotech organization. Our mission is to develop products to fight malaria, tuberculosis, and diarrheal diseases—three major causes of mortality, poverty, and inequality in developing countries. The world has unprecedented scientific tools at its disposal; now is the time to use them to save the lives of the world's poorest people*

*News: Articles and Publications*

No new digest content identified.

**CARB-X**  [to 03 Sep 2022]
https://carb-x.org/
News
No new digest content identified.

Center for Vaccine Ethics and Policy – GE2P2 Global Foundation  [to 03 Sep 2022]
https://centerforvaccineethicsandpolicy.net/
News/Analysis/Statements
:: Past weekly editions of Vaccines and Global Health: The Week in Review are available here.
:: Informed Consent: A Monthly Review – September 2022 is now posted here
:: Genomic Medicine Governance, Ethics, Policy: A Quarterly Review - May 2022 is now posted here

CEPI – Coalition for Epidemic Preparedness Innovations  [to 03 Sep 2022]
http://cepi.net/
Latest News
CEPI partner IAVI announces first vaccinations at Liberia site in Phase I clinical trial of Lassa Fever vaccine candidate
The trial is designed to evaluate the candidate’s safety, tolerability, and immunogenicity.
31 Aug 2022

DARPA – Defense Advanced Research Projects Agency [U.S.]  [to 03 Sep 2022]
https://www.darpa.mil/news
News
No new digest content identified.

Duke Global Health Innovation Center  [to 03 Sep 2022]
https://dukeghic.org/
Our Blog
No new digest content identified.

EDCTP  [to 03 Sep 2022]
http://www.edctp.org/
The European & Developing Countries Clinical Trials Partnership (EDCTP) aims to accelerate the development of new or improved drugs, vaccines, microbicides and diagnostics against HIV/AIDS, tuberculosis and malaria as well as other poverty-related and neglected infectious diseases in sub-Saharan Africa, with a focus on phase II and III clinical trials
31 August 2022
Democratic Republic of the Congo, Guinea-Conakry and Rwanda join EDCTP Association
30 August 2022
Fifteen “EPI-Biostat Fellows” start their Master’s training at Busitema University in Uganda
**Emory Vaccine Center** [to 03 Sep 2022]
http://www.vaccines.emory.edu/
Vaccine Center News
No new digest content identified.

**European Vaccine Initiative** [to 03 Sep 2022]
http://www.euvaccine.eu/
Latest News, Events
**EVI's new publication identifies gaps in outreach information on COVID-19 vaccine trials in Europe**
31 August 2022
Together with VACCELERATE partners, European Vaccine Initiative (EVI) just published the main findings of the new freely available ‘Inventory and gap analysis report of existing public outreach material’ developed as part of the VACCELERATE project in the Journal of Science Communication (JCOM).

**Evidence Aid** [to 03 Sep 2022]
Evidence Aid aims to save lives and livelihoods in disasters by providing decision-makers with the best available evidence and by championing its use.
http://www.evidenceaid.org/
Selected Resources
**Burden of acute respiratory infections in crisis-affected populations (research up to June 2009)**
*Added September 3, 2022*

**Personal protective equipment to prevent the transmission of respiratory diseases in health service environments (search done on 1 May 2020)**
*Added September 2, 2022*

**Mental health of children and adolescents during pandemics (search done in July 2020)**
*Added September 1, 2022*

**Healthcare workers’ attitudes towards COVID-19 vaccination (search done in February 2021)**
*Added August 31, 2022*

**N95 respirator and surgical masks for the prevention of respiratory viral illnesses in healthcare settings (search done in May 2021)**
*Added August 30, 2022*

**Homeless shelters and COVID-19 (search done in March 2021)**
*Added August 29, 2022*

**Fondation Merieux** [to 03 Sep 2022]
http://www.fondation-merieux.org/
31 August 2022

**New Report Recognizes Global Fund as Vital for Strong Global Health Results**

One of the most rigorous reviews for multilateral organizations released an assessment today, announcing that the performance of the Global Fund to Fight AIDS, Tuberculosis and Malaria against 12 key performance indicators is satisfactory overall.

Sep 2 2022

**Ancient DNA Offers New Insights into the Origins and Spread of Languages and Populations Across the Southern Arc**

Analyzing DNA from the remains of hundreds of ancient humans across West Asia, the Balkans, Greece, present-day Turkey, and other regions, scientists have revealed surprising migrations that illuminate human history and led to the languages billions of people speak today.
Institute Sep 1 2022
**Blanton Tolbert Named HHMI’s Inaugural Vice President of Science Leadership and Culture**
Blanton Tolbert, a biochemist and administrative leader of diversity, equity, and inclusion efforts at Case Western Reserve University, will serve as an HHMI vice president and head of the Institute’s new Center for Science Leadership and Culture.

**Human Vaccines Project** [to 03 Sep 2022]
http://www.humanvaccinesproject.org/
News
What’s New [Selected]
No new digest content identified.

**IAVI** [to 03 Sep 2022]
https://www.iavi.org/
Latest News
August 31, 2022
**IAVI announces first vaccinations at Liberia site in Phase I clinical trial of Lassa fever vaccine candidate**

August 29, 2022
**Japan reiterates commitment to HIV vaccine development with a $10.5 million contribution to IAVI**

**ICRC** [to 03 Sep 2022]
What’s New [Selected]
• **International Humanitarian Law Bibliography**
The ICRC International Humanitarian Law Bibliography lists references to English and French publications on international humanitarian law.
01-09-2022 | Article

**International Coalition of Medicines Regulatory Authorities [ICMRA]**
Selected Statements, Press Releases, Research
No new digest content identified.

**IFFIm**
http://www.iffim.org/
Press Releases/Announcements
No new digest content identified.
Eight days waiting onboard Ocean Viking amid overwhelming medical needs: SOS MEDITERRANEE and IFRC call for 460 of survivors’ right to disembark

Urgent call for international aid as Pakistan battles floods

New therapeutic prospect for preeclampsia
Preeclampsia is a condition that affects the placenta during pregnancy and is dangerous for both the fetus and the...

IOM Calls For Urgent International Humanitarian Support for Pakistan

With more than half of Afghans dependent on humanitarian aid, IOM calls for sustained support

Displacement in Ukraine again on the rise, IOM data shows

US policy on open access to federally funded research hailed as game-changer for scientific publishing
The results of federally funded research will be made immediately available to the American public for free, according to updated US policy guidance released on 25 August 2022.
From the beginning of 2026, all publications and research funded by US taxpayers must be made immediately open access, in line with new guidance from the White House Office of Science and Technology Policy (OSTP), which states that “the U.S. is committed to the ideas that openness in science is fundamental, security is essential, and freedom and integrity are crucial.”

**International Union of Immunological Societies (IUIS)**
https://iuis.org/
News/Events [Selected]
No new digest content identified.

**IVAC** [to 03 Sep 2022]
https://www.jhsph.edu/research/centers-and-institutes/ivac/index.html
Updates; Events
**VIRA Partners to Launch a Competition and Chatbot**
Aug 2022
VIRA is a COVID-19 vaccine chatbot created by the Johns Hopkins International Vaccine Access Center and IBM to provide users with instant answers on vaccine questions 24/7. VIRA, which works in English and Spanish, understands users’ questions in natural language, and responds with facts and empathy. The VIRA project is excited to announce that it has partnered with NACCHO to launch a competition (more details below) to bring a customized version to five U.S. health departments, and collaborated with the Pamoja Institute in Toronto, Canada to create Auntie Betty X VIRA.

**IVI** [to 03 Sep 2022]
http://www.ivi.int/
IVI News & Announcements
No new digest content identified.

**Johns Hopkins Center for Health Security** [to 03 Sep 2022]
https://www.centerforhealthsecurity.org/news/center-news/
Center News [Selected]
**Center for Health Security welcomes new fellows for 2022-23 academic year**
August 29, 2022

**MSF/Médecins Sans Frontières** [to 03 Sep 2022]
http://www.msf.org/
Latest [Selected Announcements]
Honduras
**Addressing the dangerous gap in sexual and reproductive healthcare in Honduras**
Interview 2 Sep 2022

Pakistan
**Five things to know about the devastating floods in Pakistan**
Project Update 1 Sep 2022
A “hierarchy of suffering” exacerbates asylum seekers’ mental health in Lithuania
Press Release 30 Aug 2022

National Academy of Medicine - USA [to 03 Sep 2022]
https://nam.edu/programs/
News [Selected]
National Academy of Medicine Announces 10 Emerging Leaders in Health and Medicine
September 1, 2022
WASHINGTON — The National Academy of Medicine (NAM) today announced the 2022 Emerging Leaders in Health and Medicine Scholars. These individuals are early- to mid-career professionals from a wide range of health-related fields, from epidemiology and psychiatry to medical ethics and mechanical engineering. The scholars are an essential part of a major NAM initiative, the […]

National Academy of Sciences - USA [to 03 Sep 2022]
News
No new digest content identified.

National Vaccine Program Office - U.S. HHS [to 03 Sep 2022]
https://www.hhs.gov/vaccines/about/index.html
Upcoming Meetings/Latest Updates
September 22-23, 2022 NVAC Meeting

NIH [to 03 Sep 2022]
http://www.nih.gov/
News Releases
SARS-CoV-2 antigen levels linked to patient outcomes
August 29, 2022 — The analysis revealed a strong correlation between higher SARS-CoV-2 antigen levels and worse pulmonary function at the time of enrollment.

PATH [to 03 Sep 2022]
https://www.path.org/media-center/
Press Releases
PATH announces early closure of pivotal Phase 3 study of an injectable rotavirus vaccine candidate
August 30, 2022 by PATH
The trial aimed to determine how well a new, injectable, non-replicating rotavirus vaccine candidate works compared to a licensed oral rotavirus vaccine in preventing infant diarrhea.

Rockefeller Foundation [to 03 Sep 2022]
Sabin Vaccine Institute  [to 03 Sep 2022]
https://www.sabin.org/press/
Latest News & Press Releases
No new digest content identified.

UNAIDS  [to 03 Sep 2022]
http://www.unaids.org/en
Selected Press Releases/Reports/Statements
1 September 2022
Successfully expanding the rollout of PrEP in Indonesia

31 August 2022
Justice is never given, it is won: How Eastern Caribbean activists developed the successful strategy to defeat the laws which criminalised LGBT people.

UNHCR Office of the United Nations High Commissioner for Refugees [to 03 Sep 2022]
News Releases
UNHCR scales up response to catastrophic floods in Pakistan
This is a summary of what was said by UNHCR spokesperson Matthew Saltmarsh – to whom quoted text may be attributed – at today's press briefing at the Palais des Nations in Geneva.
02 September 2022

UNICEF  [to 03 Sep 2022]
https://www.unicef.org/media/press-releases
Press Releases, News Notes, Statements  [Selected]
Remarks
02 September 2022
UNICEF Geneva Palais briefing note on the impact of the Pakistan floods on children and families and UNICEF’s response
GENEVA/ISLAMABAD, 2 September 2022 – "Over the past few weeks, torrential monsoon rains have broken a century-long record and dumped more than five times the 30-year average for rainfall in some provinces, killing more than 1200 people, including about 400 children, while washing away or damaging over 1.1 million houses and destroying vital...

Statement
30 August 2022
As the conflict escalates, children in northern Ethiopia are the victims
NEW YORK, 30 August 2022 -“Yet again, the re-escalation of indiscriminate violence in northern Ethiopia has robbed children of their lives. Recent shelling into villages in the Afar region, on the border of Tigray, over the last few days has killed children and left many others injured. “Once again, UNICEF calls on all parties to agree to an...
The Wistar Institute [to 03 Sep 2022]
Press Releases
Aug. 1, 2022
Wistar Receives Merit Extension from the National Cancer Institute
Prestigious distinction makes Wistar the first NCI-designated Basic Cancer Center to ever receive the award.

WFPHA: World Federation of Public Health Associations [to 03 Sep 2022]
https://www wfpha.org/
Latest News - Blog
Enhancing Pediatric Vaccination among Children and Adolescents in Europe
Aug 30, 2022
Vaccination has led to the eradication or a great decrease in the incidence of many Vaccine-Preventable Diseases (VPD); however, coverage of many highly recommended vaccines is...

World Bank [to 03 Sep 2022]
Selected News, Announcements
No new digest content identified.

World Customs Organization – WCO [to 03 Sep 2022]
http://www.wcoomd.org/
Latest News
No new digest content identified.

World Organisation for Animal Health (OIE) [to 03 Sep 2022]
https://www.oie.int/en/
Press Releases, Statements
No new digest content identified.

WTO - World Trade Organisation [to 03 Sep 2022]
http://www.wto.org/english/news_e/news_e.htm
WTO News and Events [Selected]
No new digest content identified.
ARM [Alliance for Regenerative Medicine]  [to 03 Sep 2022]
Selected Press Releases
No new digest content identified.

BIO  [to 03 Sep 2022]
Press Releases
No new digest content identified.

DCVMN – Developing Country Vaccine Manufacturers Network  [to 03 Sep 2022]
http://www.dcvmn.org/
News; Upcoming events
No new digest content identified.

ICBA – International Council of Biotechnology Associations  [to 03 Sep 2022]
https://internationalbiotech.org/news/
News
No new digest content identified.

IFPMA  [to 03 Sep 2022]
http://www.ifpma.org/resources/news-releases/
Selected Press Releases, Statements, Publications
No new digest content identified.

International Alliance of Patients’ Organizations – IAPO  [to 03 Sep 2022]
https://www.iapo.org.uk/news/topic/6
Press and media [Selected]
No new digest content identified.

International Generic and Biosimilar Medicines Association [IGBA]
https://www.igbamedicines.org/
News
No new digest content identified.

PhRMA  [to 03 Sep 2022]
http://www.phrma.org/
Press Releases
No new digest content identified.

:::...
Vaccines/Therapeutics/Medicines – Selected Developer/Manufacturer Announcements

AstraZeneca
Press Releases
Evusheld long-acting antibody combination approved for prevention and treatment of COVID-19 in Japan
30 August 2022
- First global approval for Evusheld as a COVID-19 treatment
- PROVENT Phase III prevention trial showed reduced risk of developing symptomatic COVID-19
- TACKLE Phase III treatment trial showed reduced risk of severe COVID-19 or death in high-risk patients

Bharat Biotech
Press Releases - No new digest announcements identified

BioCubaFarma – Cuba
Últimas Noticias - No new digest announcements identified

Biological E
News
Biological E. Announces SEC (CDSCO) Recommendation of its 14-Valent Pneumococcal Conjugate Vaccine for Infants
Subject Expert Committee(SEC) of Central Drugs Standard Control Organization (CDSCO) has recommended grant of permission to Biological E. Limited to manufacture the 14-valent investigational vaccine against Streptococcus pneumoniae Infection
Hyderabad, September 1, 2022

BioNTech
Press Releases
Pfizer and BioNTech Receive Positive CHMP Opinion for Omicron BA.1-Adapted Bivalent COVID-19 Vaccine Booster in European Union
01 Sep 2022
Pfizer and BioNTech Granted FDA Emergency Use Authorization of Omicron BA.4/BA.5-Adapted Bivalent COVID-19 Vaccine Booster for Ages 12 Years and Older
31 August 2022

CanSinoBIO
News - Website not responding at inquiry

CIGB
Latest News - No new digest announcements identified

Cinnagen
Recent News - No new digest announcements identified

Clover Biopharmaceuticals - China
Clover’s COVID-19 Booster Vaccine Candidate Demonstrates Robust Neutralization of Dominant Omicron BA.5

GSK
Press releases for media
24 August 2022
GSK Board changes
Elizabeth (Liz) McKee Anderson to join the Board as Non-Executive Director

IMBCAMS, China
Home - Website not responding at inquiry

Janssen/JNJ
Press Releases - No new digest announcements identified

Medicago
Media - No new digest announcements identified

Merck
News releases - No new digest announcements identified

Moderna
Press Releases
01 September, 2022
Health Canada Authorizes Moderna’s Omicron-Targeting Bivalent COVID-19 Booster Vaccine

01 September, 2022
EMA Committee for Medicinal Products for Human Use (CHMP) Adopts Positive Opinion Recommending Authorization for the Use of Moderna’s Omicron-Targeting Bivalent Booster in the European Union

31 August, 2022
Moderna Receives FDA Authorization for Emergency Use of Omicron-Targeting Bivalent COVID-19 Booster Vaccine for Adults 18 Years and Older

30 August, 2022
Therapeutic Goods Administration Provisionally Approves Moderna’s Omicron-Containing Bivalent Booster Candidate, MRNA-1273.214, For Australia
Swissmedic Authorizes Moderna’s Omicron-Targeting Bivalent Booster Candidate, MRNA-1273.214

Nanogen
News - No new digest announcements identified

Novartis
News - No new digest announcements identified

Novavax
News - No new digest announcements identified

Novartis appoints Fiona Marshall, Ph.D., President of the Novartis Institutes for BioMedical Research as Jay Bradner, M.D., steps down from the Executive Committee of Novartis
Sep 01, 2022
- After seven years as President of NIBR and a member of the ECN, Dr. Bradner will pursue a next chapter of scientific contribution and leadership outside of Novartis
- Building on NIBR foundation, Dr. Marshall to shape next era of biomedical innovation and continue Novartis leadership in R&D

Pfizer
News - No new digest announcements identified

Pfizer and BioNTech Receive Positive CHMP Opinion for Omicron BA.1-Adapted Bivalent COVID-19 Vaccine Booster in European Union

Pfizer and BioNTech Granted FDA Emergency Use Authorization of Omicron BA.4/BA.5-Adapted Bivalent COVID-19 Vaccine Booster for Ages 12 Years and Older

R-Pharm
https://rpharm-us.com/index.php
[No news or media page identified]

Sanofi Pasteur
News - No new digest announcements identified

Serum Institute of India
NEWS & ANNOUNCEMENTS
Thursday, September 01, 2022
Department of Biotechnology announces the scientific completion of India’s first qHPV vaccine ‘CERVAVAC’

Shifa Pharmed [Iran]
http://shafapharmed.com/
No news page identified.

Sinopharm/WIBPBIBP
News - No new digest announcements identified

Sinovac
Press Releases - Website not responding at inquiry

SK Biosciences
Press Releases
SK bioscience Begins First Shipment of Korean COVID-19 Vaccine
· 609,000 doses of advance purchased SKY Covione™ will be sequentially supplied based on...
2022.09.02

Valneva
Press Releases
August 29, 2022
Valneva Reports Further Positive Phase 3 Immunogenicity and the First Heterologous Booster Results for its Inactivated, Adjuvanted COVID-19 Vaccine VLA2001

Vector State Research Centre of Viralogy and Biotechnology
Home - Website not responding [404 error]

WestVac Biopharma
Media - No new digest announcements identified

Zhifei Longcom, China
[Anhui Zhifei Longcom Biologic Pharmacy Co., Ltd.]
[No website identified]

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Journal Watch
Vaccines and Global Health: The Week in Review continues its weekly scanning of key peer-reviewed journals to identify and cite articles, commentary and editorials, books reviews and other content supporting our focus on vaccine ethics and policy. Journal Watch is not intended to be exhaustive, but indicative of themes and issues the Center is actively tracking. We selectively provide full text of some editorial and comment articles that are specifically relevant to our work. Successful access to some of the links provided may require subscription or other access arrangement unique to the publisher.

If you would like to suggest other journal titles to include in this service, please contact David Curry at: david.r.curry@centerforvaccineethicsandpolicy.org

AJOB Empirical Bioethics
Volume 13, 2022  Issue 3
https://www.tandfonline.com/toc/uabr21/current
[Reviewed earlier]
Inequity and Iatrogenic Harm

Three kinds of health inequity include (1) inequity in access to health care; (2) inequity in the quality of health care services, experiences, and interactions; and (3) inequity in health status. Iatrogenic harms include damage generated by health care services, experiences, and interactions and are not limited to errors. Should neglect by health care organizations and personnel also count as forms of iatrogenic harm to patients and communities? This theme issue considers this question and considers, too, how iatrogenic harm exacerbates inequity and how different kinds of inequity exacerbate iatrogenesis. The health of persons whose embodiment experiences and identities are minoritized along axes of gender, race, class, ethnicity, and comorbidities could very well rely upon what is revealed by deeply interrogating the nature and scope of ethical, clinical, legal, and social relationships between iatrogenic harm and health inequity.
Evaluating risk factors associated with COVID-19 infections among vaccinated people early in the U.S. vaccination campaign: an observational study of five states, January–March 2021

COVID-19 vaccines are an effective tool to prevent illness due to SARS-CoV-2 infection. However, infection after vaccination still occurs. We evaluated all infections identified among recipients of either the ...

Authors: Katrin S. Sadigh, Kiersten J. Kugeler, Sara Bressler, Stephanie C. Massay, Emma Schmoll, Lauren Milroy, Alyson M. Cavanaugh, Allison Sierocki, Marc Fischer and Leisha D. Nolen
Citation: BMC Infectious Diseases 2022 22:718
Content type: Research Published on: 1 September 2022

Performance of IRBs in China: a survey on IRB employees and researchers’ experiences and perceptions

Authors: Xing Liu, Ying Wu, Min Yang, Yang Li, Kaveh Khoshnood, Esther Luo, Lun Li and Xiaomin Wang
Content type: Research 29 August 2022
From a voluntary vaccination policy to mandatory vaccination against COVID-19 in cancer patients: an empirical and interdisciplinary study in bioethics
Authors: Henri-Corto Stoeklé, Sakina Sekkate, Elisabeth Angellier, Titouan Kennel, Asmahane Benmaziane, May Mabro, Jean-François Geay, Philippe Beuzeboc and Christian Hervé
Content type: Research 28 August 2022

BMC Medicine
http://www.biomedcentral.com/bmcmed/content
(Accessed 03 Sep 2022)

Age and product dependent vaccine effectiveness against SARS-CoV-2 infection and hospitalisation among adults in Norway: a national cohort study, July–November 2021
COVID-19 vaccines have been crucial in the pandemic response and understanding changes in vaccines effectiveness is essential to guide vaccine policies. Although the Delta variant is no longer dominant, unders...
Authors: Jostein Starrfelt, Anders Skyrud Danielsen, Eirik Alnes Buanes, Lene Kristine Juvet, Trude Marie Lyngstad, Gunnar Øyvind Isaksson Rø, Lamprini Veneti, Sara Viksмоen Watle and Hinta Meijerink
Citation: BMC Medicine 2022 20:278
Content type: Research article Published on: 2 September 2022

BMC Pregnancy and Childbirth
http://www.biomedcentral.com/bmcpregnancychildbirth/content
(Accessed 03 Sep 2022)
[No new digest content identified]

BMC Public Health
http://bmcpublichealth.biomedcentral.com/articles
(Accessed 03 Sep 2022)
Factors associated with COVID-19 vaccine intentions during the COVID-19 pandemic; a systematic review and meta-analysis of cross-sectional studies
A high COVID-19 vaccine uptake is essential to achieve herd immunity to combat the current strain of COVID-19 and potential future variants. This review aimed to identify factors associated with public intenti...
Authors: Emily Terry, Sapphire Cartledge, Sarah Damery and Sheila Greenfield
Citation: BMC Public Health 2022 22:1667
Content type: Research Published on: 2 September 2022

Measles incidence in South Africa: a six-year review, 2015—2020
In 2012 the World Health Organization (WHO) aimed to eliminate measles in five regions by 2020. This retrospective descriptive study reviewed measles surveillance data in South Africa for the period 2015—2020 ...
Authors: Mukhlid Yousif, Heather Hong, Susan Malfeld, Sheilagh Smit, Lillian Makhathini, Tshepo Motsamai, Dipolelo Tselana, Morubula Manamela, Mercy Kamupira, Elizabeth Maseti, Heena Ranchod, Kennedy Ot wombe, Kerrigan McCarthy and Melinda Suchard
Citation: BMC Public Health 2022 22:1647
Voices

**Monkeypox emergency: Urgent questions and perspectives**

Stefan Rothenburg, et al.

Amidst the COVID-19 pandemic, we now face another public health emergency in the form of monkeypox virus. As of August 1, the Centers for Disease Control and Prevention report over 23,000 cases in 80 countries. An inclusive and global collaborative effort to understand the biology, evolution, and spread of the virus as well as commitment to vaccine equity will be critical toward containing this outbreak. We share the voices of leading experts in this space on what they see as the most pressing questions and directions for the community.

**Previews**

**1000 Genomes Project phase 4: The gift that keeps on giving**

Neil A. Hanchard, Ananyo Choudhury

In this issue of Cell, Bryska-Bishop et al. report the release of the expanded, high-depth sequencing data that characterize the fourth phase of the 1000 Genomes Project. Using extensive comparisons and benchmarks, they demonstrate how this dataset is positioned to serve as a more comprehensive and accurate resource for global genomics.
Child Care, Health and Development
Volume 48, Issue 5  Pages: 659-879  September 2022
https://onlinelibrary.wiley.com/toc/13652214/current
[Reviewed earlier]

Clinical Pharmacology & Therapeutics
Volume 112, Issue 3  Pages: 413-729  September 2022
https://ascpt.onlinelibrary.wiley.com/toc/15326535/current
[New issue; No digest content identified]

Clinical Therapeutics
June 2022  Volume 44  Issue 6  p825-926
http://www.clinicaltherapeutics.com/current
[Reviewed earlier]

Clinical Trials
Volume 19 Issue 4, August 2022
https://journals.sagepub.com/toc/ctja/19/4
[Reviewed earlier]

Conflict and Health
http://www.conflictandhealth.com/
[Accessed 03 Sep 2022]
[No new digest content identified]

Contemporary Clinical Trials
Volume 119  August 2022
[Reviewed earlier]

The CRISPR Journal
Volume 5, Issue 4 / August 2022
https://www.liebertpub.com/toc/crispr/5/4
[Reviewed earlier]

Current Genetic Medicine Reports
Volume 9, issue 4, December 2021
https://link.springer.com/journal/40142/volumes-and-issues/9-4
[Reviewed earlier]
Original Articles

Prioritizing the vulnerable over the susceptible for COVID-19 vaccination
Siegfredo R. Paloyo, Alvin B. Caballes, Ana Melissa Hilvano-Cabungcal, Leonardo De Castro
Pages: 162-169
First Published: 19 July 2021
Clinical trial design in the era of precision medicine

Recent rapid biotechnological breakthroughs have led to the identification of complex and unique molecular features that drive malignancies. Precision medicine has exploited next-generation sequencing and matc...

Authors: Elena Fountzilas, Apostolia M. Tsimberidou, Henry Hiep Vo and Razelle Kurzrock

Citation: Genome Medicine 2022 14:101

Content type: Review Published on: 31 August 2022

Diversifying Implementation Science: A Global Perspective
We present a joint global perspective about the urgent need to diversify the loci of knowledge creation and sharing in global implementation science. We underscore the imperative of addressing implementation research questions relevant to practitioners, policy makers, and researchers from low- and middle-income countries.

Open Access

**Learning From the Past: The Role of Social and Behavior Change Programming in Public Health Emergencies**
Martha Silva, Paula Tallman, Jeni Stolow, Rachel Yavinsky, Julia Fleckman and Kamden Hoffmann
Global Health: Science and Practice August 2022, 10(4):e2200026; https://doi.org/10.9745/GHSP-D-22-00026

The contributions of social and behavior change research/programming in 6 recent epidemics highlight the importance of further integrating such expertise into outbreak response.

**Coverage and Drivers to Reaching the Last Child With Vaccination in Urban Settings: A Mixed-Methods Study in Kampala, Uganda**
Carol Kamya, Faith Namugaya, Charles Opio, Paul Katamba, Emily Carnahan, Anne Katahoire, Joanita Nankabirwa, Jaffer Okiring and Peter Waiswa
Global Health: Science and Practice August 2022, 10(4):e2100663; https://doi.org/10.9745/GHSP-D-21-00663

Most children in Kampala city are not fully vaccinated as the health system is not designed to suit the complex urban setting.

**PROGRAM CASE STUDIES**

Open Access

**Addressing COVID-19 Rumors and Behaviors Using Theory in Guyana: A Program Case Study**
Bolanele Olapeju, Camille Adams, Joann Simpson, Lyndsey Mitchum, Sean Wilson, Mona Jarrah, Gabrielle Hunter, TrishAnn Davis, Alicia Martin, Shabana Shaw, Natalie Tibbels, Jennifer Orkis and J. Douglas Storey
Global Health: Science and Practice August 2022, 10(4):e2200071; https://doi.org/10.9745/GHSP-D-22-00071

We used a COVID-19 rumor classification tool to rapidly identify, synthesize, and counter misinformation during the COVID-19 pandemic and provide appropriate social and behavior change messaging that would affect relevant preventive and protective behaviors.
Global Public Health
Volume 17, Issue 9 (2022)
http://www.tandfonline.com/toc/rgph20/current

Article Commentary
Priorities for global access to life-saving interventions during public health emergencies: Crisis nationalism, solidarity or charity?
Nchangwi Syntia Munung, Samuel J. Ujewe & Muhammed O. Afolabi
Pages: 1785-1794
Published online: 23 Sep 2021

Article
Medical populism and the politics of dengue epidemics in the Global South
Gideon Lasco & Vincen Gregory Yu
Pages: 1795-1808
Published online: 10 Aug 2021

Article
Mapping buyer’s clubs; what role do they play in achieving equitable access to medicines?
Natalie Rhodes & Remco van de Pas
Pages: 1842-1853
Published online: 14 Aug 2021

Globalization and Health
http://www.globalizationandhealth.com/
[Accessed 03 Sep 2022]
[No new digest content identified]

Health and Human Rights
Volume 24, Issue 1, June 2022
[Reviewed earlier]

Health Economics, Policy and Law
Volume 17 - Issue 3 - July 2022
https://www.cambridge.org/core/journals/health-economics-policy-and-law/latest-issue
[Reviewed earlier]

Health Policy and Planning
Volume 37, Issue 7, August 2022
https://academic.oup.com/heapol/issue/37/7
[Reviewed earlier]

Health Research Policy and Systems
Understanding the policy dynamics of COVID-19 vaccination in Ghana through the lens of a policy analytical framework

Ghana became the first African country to take delivery of the first wave of the AstraZeneca/Oxford vaccine from the COVAX facility. But why has this promising start of the vaccination rollout not translated i...

Authors: Roger A. Atinga, Augustina Koduah and Gilbert Abotisem Abiiro
Citation: Health Research Policy and Systems 2022 20:94
Content type: Review Published on: 1 September 2022

Human Gene Therapy
Volume 33, Issue 15-16 / August 2022
https://www.liebertpub.com/toc/hum/33/15-16
[Reviewed earlier]

Humanitarian Practice Network
https://odihpn.org/
Featured Publications
[No new digest content identified]

Human Vaccines & Immunotherapeutics (formerly Human Vaccines)
Volume 18, Issue 5, 2022
https://www.tandfonline.com/toc/khvi20/18/5?nav=tocList
[Reviewed earlier]

Immunity
Aug 09, 2022 Volume 55 Issue 8 p1329-1514
https://www.cell.com/immunity/current Articles
[Reviewed earlier]

Infectious Agents and Cancer
http://www.infectagentscancer.com/
[Accessed 03 Sep 2022]
[No new digest content identified]

Infectious Diseases of Poverty
http://www.idpjournall.com/content
[Accessed 03 Sep 2022]
[No new digest content identified]
International Health
Volume 14, Issue 4, July 2022
https://academic.oup.com/inthealth/issue/14/4
[Reviewed earlier]

International Human Rights Law Review
Volume 10 (2021): Issue 2 (Dec 2021)
https://brill.com/view/journals/hrlr/10/2/hrlr.10.issue-2.xml
[Reviewed earlier]

International Journal of Community Medicine and Public Health
Vol 9, No 5 (2022) May 2022
[Reviewed earlier]

International Journal of Epidemiology
Volume 51, Issue 4, August 2022
https://academic.oup.com/ije/issue
[Reviewed earlier]

International Journal of Human Rights in Healthcare
Volume 15 Issue 2, 2022
https://www.emerald.com/insight/publication/issn/2056-4902/vol/15/iss/2
Table of Contents
[Reviewed earlier]

JAMA
August 23/30, 2022, Vol 328, No. 8, Pages 693-786
https://jamanetwork.com/journals/jama/currentissue
[Reviewed earlier]

JAMA Pediatrics
August 2022, Vol 176, No. 8, Pages 737-830
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August 2022 - Volume 20 - Issue 8
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Vol. 74 (2022)
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Volume 47, issue 4, August 2022
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Volume 158  September 2022
[Reviewed earlier]

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Volume 17 Issue 4, October 2022
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September 2022 - Volume 76 - 9
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Volume 15, Issue 2  Pages: 73-179  June 2022
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Guest Editors Christine M. Koggel, Ami Harbin and Jennifer J. Llewellyn
[Reviewed earlier]

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Volume 33, Number 2, May 2022
https://muse.jhu.edu/issue/47787
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Volume 20, 2022 - Issue 3
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Editorials
Are We Serious about Addressing Health Disparities through Research?
Elena Fuentes-Afflick
Published online: June 03, 2022
p10-11

Brief Reports
Increasing Coronavirus Disease 2019 Vaccine Uptake in Pediatric Primary Care by Offering Vaccine to Household Members
Mary Carol Burkhardt, et Al.
Published online: April 18, 2022
p150-154.e1

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The Lancet
Sep 03, 2022 Volume 400 Number 10354 p707-786
https://www.thelancet.com/journals/lancet/issue/current

Editorial

New beginnings for Latin America?

The Lancet
[Excerpt]

... The region also needs a strong leading health organisation to support member states in their efforts to improve the health and wellbeing of their populations. A new director of the Pan American Health Organization (PAHO) will be chosen in a secret ballot at the 30th Pan American Sanitary Conference on Sept 26–30. Brazil, Colombia, Mexico, Panama, Haiti, and Uruguay have all nominated candidates and the new director will begin a 5-year term on Feb 1, 2023. Financial stability is high on the candidates’ agenda as PAHO was close to insolvent in 2020, during the first year of the COVID-19 pandemic, with member states delaying payments and the USA under President Trump halting their support of WHO. But PAHO also needs a clearly prioritised agenda, most pressing, to examine the lessons learnt and changes needed for the region after the pandemic. PAHO needs an energetic leader who commands political as well as technical respect among member states and who is not afraid to take risks or hold countries accountable for their actions on health.

There is an unprecedented chance for new beginnings in Latin America; an opportunity to make positive changes to alleviate deep neglect, inequality, and violence. Let us hope that Brazil chooses to seize this opportunity.

Comment

Emergence of vaccine-derived poliovirus in high-income settings in the absence of oral polio vaccine use
Matilda Hill, Ananda S Bandyopadhyay, Andrew J Pollard

The Lancet Child & Adolescent Health
Sep 2022 Volume 6 Number 9 p593-666
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Sep 2022 Volume 4 Number 9 e627-e697
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**Articles**

**Menstrual irregularities and vaginal bleeding after COVID-19 vaccination reported to v-safe active surveillance, USA in December, 2020–January, 2022: an observational cohort study**
Karen K Wong, et al.

**Lancet Global Health**
Sep 2022 Volume 10 Number 9 e1209-e1359
https://www.thelancet.com/journals/langlo/issue/current

**Editorial**

**Refugees and migrants: overexposed yet unseen**
The Lancet Global Health

**Comment**

**Infant BCG vaccination is beneficial, but not sufficient**
Mark Hatherill, Frank Cobelens

**Typhoid conjugate vaccine: are we heading towards the elimination of typhoid in endemic countries?**
Mohammad Tahir Yousafzai, Anita Elizabeth Heywood

**Monkeypox vaccines in pregnancy: lessons must be learned from COVID-19**
Asma Khalil, et al.

**Why we still need a pandemic treaty**
Elliot Hannon, et al.

**Articles**

**The COVID-19 pandemic and disruptions to essential health services in Kenya: a retrospective time-series analysis**
Helen Kiarie, et al. on behalf of the Essential Health Services Data Monitoring and Evaluation sub-working group

**Infant BCG vaccination and risk of pulmonary and extrapulmonary tuberculosis throughout the life course: a systematic review and individual participant data meta-analysis**
Leonardo Martinez, et al.

**Safety and immunogenicity of a typhoid conjugate vaccine among children aged 9 months to 12 years in Malawi: a nested substudy of a double-blind, randomised controlled trial**
Nginache Nampota-Nkomba, et al. on behalf of the Typhoid Vaccine Acceleration Consortium team

**Lancet Infectious Diseases**
Sep 2022 Volume 22 Number 9 p1253-1398, e239-e278
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**Editorial**

**Designing infectious disease programmes for the future**
Comment
The global impact of disproportionate vaccination coverage on COVID-19 mortality
Chad R Wells, Alison P Galvani

Articles
Global impact of the first year of COVID-19 vaccination: a mathematical modelling study
Oliver J Watson, et al.

Immunogenicity and reactogenicity of an inactivated SARS-CoV-2 vaccine (BBV152) in children aged 2–18 years: interim data from an open-label, non-randomised, age de-escalation phase 2/3 study
Krishna Mohan Vadrevu, et al.

Effectiveness of mRNA vaccine boosters against infection with the SARS-CoV-2 omicron (B.1.1.529) variant in Spain: a nationwide cohort study
Susana Monge, et al on behalf of IBERCovid

Efficacy of RTS,S/AS01E malaria vaccine administered according to different full, fractional, and delayed third or early fourth dose regimens in children aged 5–17 months in Ghana and Kenya: an open-label, phase 2b, randomised controlled trial
Aaron M Samuels, et al. and the RTS,S study group

Review
Defining the determinants of vaccine uptake and undervaccination in migrant populations in Europe to improve routine and COVID-19 vaccine uptake: a systematic review
Alison F Crawshaw, et al.

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Sep 2022 Volume 7 Number 9 e725-e800
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The effect of a proof-of-vaccination requirement, incentive payments, and employer-based mandates on COVID-19 vaccination rates in New York City: a synthetic-control analysis
Ezra Cohn, et al.

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Sep 2022 Volume 10 Number 9 p811-924, e78-e86
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Articles
Effect of a 2-week interruption in methotrexate treatment versus continued treatment on COVID-19 booster vaccine immunity in adults with inflammatory conditions (VROOM study): a randomised, open label, superiority trial
Abhishek Abhishek, et al. on behalf of the VROOM study investigators
Ukraine’s scientists need help to rebuild their research system
With countries around the world increasingly focusing on problems at home, the urgent need to reconstruct Ukraine’s research and educational infrastructure must not be forgotten.
INCATE: a partnership to boost the antibiotic pipeline

INCATE, the INCubator for Antibacterial Therapies in Europe, aims to boost the antibiotic pipeline by accelerating the translation of academic innovation into industrial R&D projects to tackle antimicrobial resistance. Founded in 2021 as a partnership of research institutions and pharma companies, INCATE provides advice, community and non-dilutive funding to start-up companies.

Silke Alt, Douglas Haggstrom, Christoph Dehio

Engineering the next generation of cell-based therapeutics

The widespread clinical translation and commercialization of cell-based therapies are hampered by challenges related to cell source, viability, potency, safety and scalability. Here, Veiseh and colleagues overview progress in the development of cell-based therapeutics and discuss how biological engineering approaches — including genome editing, synthetic biology and the use of biomaterials — are beginning to address key challenges in the field.

Caleb J. Bashor, Isaac B. Hilton, Omid Veiseh

The human genetic epidemiology of COVID-19

In this article, Niemi, Daly and Ganna discuss how large-scale genomics studies are providing a rapidly maturing understanding of the influence of host genetics on coronavirus disease 2019 (COVID-19) susceptibility and severity. They also describe the implications for identifying causal mechanisms of pathology and potential therapeutic opportunities.

Mari E. K. Niemi, Mark J. Daly, Andrea Ganna
Phylogenetic and phylodynamic approaches to understanding and combating the early SARS-CoV-2 pandemic

In this Review, the authors describe how phylogenetic and phylodynamic methods provide insight into viral evolution, focusing on the SARS-CoV-2 pandemic. The approaches reveal routes and timings of transmission events, and they can assess the effectiveness of various intervention measures aimed at controlling the virus.

Stephen W. Attwood, Sarah C. Hill, Oliver G. Pybus

Comment 01 Aug 2022
Will anti-vaccine activism in the USA reverse global goals?

In the time of the COVID-19 pandemic, anti-vaccine activism in the USA accelerated, amplified and formed an alliance with political groups and even extremists. An organized, well-funded and empowered anti-science movement now threatens to spill over and threaten all childhood immunizations in the USA and globally.

... Conclusion
As the SARS-CoV-2 Delta variant spread across the southern states of the US in the summer of 2021, we learned too late about the damage inflicted by anti-vaccine activism and missed an opportunity to prevent a catastrophic loss of life. If we wish to halt a global decrease in vaccinations, we cannot allow vaccine refusal to continue to accelerate. Among the potential recommendations is an expanded application of social science to the study of anti-vaccine activities in LMICs and the establishment of an observatory for collecting and analysing disinformation jointly with the WHO, the African CDC and other global health organizations. Because so much US anti-vaccine aggression is currently linked to political extremism and even influences elected officials in the US government, we must also recognize the limits of the health sector to combat these new realities. Seeking outside advice from experts in homeland security, justice, commerce and even the US State Department is essential, in addition to seeking help from the various United Nations agencies. Anti-vaccine activism now costs human lives on scales that exceed global terrorism or other established threats. We must recognize the depth and breadth of anti-vaccine activism and its detriment to global security.

Peter J. Hotez

Comment 27 Jul 2022
Encouraging vaccine uptake: lessons from behavioural science

Established models of behavioural science can help to explain the suboptimal COVID-19 vaccine uptake even in countries with a plentiful supply, showing that increasing vaccination is not just about increasing knowledge and motivation, but also about increasing the opportunity for vaccination.

Susan Michie

Encouraging vaccine uptake: lessons from behavioural science
Ronen Arbel, Ph.D. et al.

The oral protease inhibitor nirmatrelvir has shown substantial efficacy in high-risk, unvaccinated patients infected with the B.1.617.2 (delta) variant of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Data regarding the effectiveness of nirmatrelvir in preventing severe coronavirus disease 2019 (Covid-19) outcomes from the B.1.1.529 (omicron) variant are limited.

Editorials

Audio Interview: Covid-19 and the WHO
E.J. Rubin, L.R. Baden, S. Swaminathan, and S. Morrissey

In this audio interview conducted on August 30, 2022, the editors are joined by Soumya Swaminathan, Chief Scientist of the World Health Organization, to discuss the work of the WHO in fighting SARS-CoV-2.

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Volume 150, Issue 2   August 2022
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[Reviewed earlier]

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Volume 40, issue 9, September 2022
[New issue; No digest content identified]

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Burden of malaria in pregnancy among adolescent girls compared to adult women in 5 sub-Saharan African countries: A secondary individual participant data meta-analysis of 2 clinical trials
Research Article | published 02 Sep 2022 PLOS Medicine
https://doi.org/10.1371/journal.pmed.1004084

Vaccine effectiveness against SARS-CoV-2 infection or COVID-19 hospitalization with the Alpha, Delta, or Omicron SARS-CoV-2 variant: A nationwide Danish cohort study
Research Article | published 01 Sep 2022 PLOS Medicine
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Healthcare utilization and maternal and child mortality during the COVID-19 pandemic in 18 low- and middle-income countries: An interrupted time-series analysis with mathematical modeling of administrative data
Research Article | published 30 Aug 2022 PLOS Medicine
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Human papillomavirus vaccination of girls in the German model region Saarland: Insurance data-based analysis and identification of starting points for improving vaccination rates
Anna Sternjakob-Marthaler, Barbara Berkó-Göttel, Jürgen Rissland, Jakob Schöpe, Emeline Taurian, Hanna Müller, Gero Weber, Stefan Lohse, Thomas Lamberty, Bernd Holleczek, Harry Stoffel, Gunter Hauptmann, Martin Giesen, Christiane Firk, Alexandra Schanzenbach, Florian Brandt, Heike Hohmann, Quirin Werthner, Dominik Selzer, Thorsten Lehr, Stefan Wagenpfeil, Sigrun Smola
Perceived health literacy and COVID-19 vaccine acceptance among Chinese college students: A mediation analysis
Fangfang Jiang, Yang Zhao, Jianling Bai, Xueying Yang, Jiajia Zhang, Danhua Lin, Xiaoming Li
Research Article | published 02 Sep 2022 PLOS ONE
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An exploration of Canadian government officials’ COVID-19 messages and the public’s reaction using social media data
Amine Kada, Arbi ChouiKh, Sehl Mellouli, Anupa J. Prashad, Sharon E. Straus, Christine Fahim
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COVID-19 vaccine hesitancy and its associated factors in Malaysia
Kai Wei Lee, Lai Ti Gew, Ching Sin Siu, Suat Cheng Peh, Yook Chin Chia, Shakila Yacob, Nee Nee Chan, Vei Ken Seow, Pei Boon Ooi
Research Article | published 01 Sep 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0266925

Practice of preventive measures and vaccine hesitance for COVID 19 among households in The Gambia, 2021: Study protocol
Bakary Sanneh, Sainey Sanneh, Sharmila Lareef-Jah, Buba Darboe, Lamin L. Dibba, Lamin F. Manjang, Yorro Bah, Jalimory Suso, Phebian Ina Grant Sagnia, Modou Njai, Sana M. Sambou
Study Protocol | published 30 Aug 2022 PLOS ONE
https://doi.org/10.1371/journal.pone.0270304

Parents’ and guardians’ acceptability of COVID-19 vaccination for children in Ghana: An online survey
Frank Kyei-Arthur, Sylvester Kyei-Gyamfi, Martin Wiredu Agyekum, Grace Frempong Afrifa-Anane, Bernard Akyeampong Amoh
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https://doi.org/10.1371/journal.pone.0272801

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PNAS - Proceedings of the National Academy of Sciences of the United States
August 9, 2022 | vol. 119 | no. 32
https://www.pnas.org/toc/pnas/119/32
Physical Sciences
Applied Mathematics
Research Article August 3, 2022 Coronavirus (COVID-19)
Trend estimation and short-term forecasting of COVID-19 cases and deaths worldwide

Significance
We present a globally applicable trend estimation method and a simple short-term forecasting strategy based on it for more than 200 countries and territories. Our trend estimation scheme relies on minimal information about the evolution of the pandemic, and is based on robust seasonal trend decomposition techniques. We demonstrate the performance of the proposed method in comparison with 1) a range of forecasting methods in prediction of cases in European countries and 2) a naive, but hard to beat, baseline. Based on the estimated trends, we estimate the effective reproduction number and propose global risk maps. The methodology has been integrated in our public dashboard since September 2020. Our forecasts have been used for providing recommendations to governmental organizations.
Ekaterina Krymova, et al.

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Volume 37 - Issue 4 - August 2022
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Volume 162  September 2022
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31 August 2022  Volume 289  Issue 1981
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Volume 28, issue 4, August 2022
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Volume 14| Issue 660| 31 Aug 2022
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Volume 306 | August 2022
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Volume 43, issue 2-3, June 2022
[Reviewed earlier]

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Volume 48 | July–August 2022
[Reviewed earlier]

Tropical Medicine & International Health
Volume 27, Issue 7 | Pages: i-iv, 603-654 | July 2022
https://onlinelibrary.wiley.com/toc/13653156/current
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Vaccine
Volume 40, Issue 35 | Pages 5089-5294 (19 August 2022)
COVID-19 vaccine express strategy in Malawi: An effort to reach the un-reach
Ghanashyam Sethy, Mike Chisema, Lokesh Sharma, Krupal Joshi, ... John Phuka
Pages 5089-5094

The Addis Declaration on Immunization: A binding reminder of the political support needed to achieve universal immunization in Africa
Richard M. Mihigo, Joseph C. Okeibunor, Fahmy Karmal, Helena O'Malley, ... Niamh Fitzgerald
Pages 5126-5130

COVID-19 vaccinations in German pharmacies: A survey on patient and provider satisfaction
Olaf Rose, Susanne Erzkamp, Wiebke Schöbel, Marcia Grajeda, Juliane Köberlein–Neu
Pages 5207-5212

Vaccines based on the replication-deficient simian adenoviral vector ChAdOx1: Standardized template with key considerations for a risk/benefit assessment
Pedro M Folegatti, Daniel Jenkin, Susan Morris, Sarah Gilbert, ... Robert T. Chen
Pages 5248-5262

A Brighton Collaboration standardized template with key considerations for a benefit/risk assessment for an inactivated viral vaccine against Chikungunya virus
Libia Milena Hernandez, K. Sumathy, Sushant Sahastrabuddhe, Jean-Louis Excler, ... Robert T. Chen
Pages 5263-5274

A Brighton Collaboration standardized template with key considerations for a benefit/risk assessment for the Moderna COVID-19 Vaccine (mRNA-1273)
Brett Leav, Walter Straus, Phil White, Alison Leav, ... Robert T. Chen
Pages 5275-5293

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August 2022 Volume 25 Issue 8 p1257-1462
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medRxiv
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medRxiv is a free online archive and distribution server for complete but unpublished manuscripts (preprints) in the medical, clinical, and related health sciences. Preprints are preliminary reports of work that have not been certified by peer review. They should not be relied on to guide clinical practice or health-related behavior and should not be reported in news media as established information. medRxiv is for the distribution of preprints - complete but unpublished manuscripts - that describe human health research conducted, analyzed, and interpreted according to scientific principles...

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**Real-World COVID-19 Vaccine Protection Rates against Infection in the Delta and Omicron Eras**
Yuru Zhu, Jia Gu, Yumou Qiu, Song Chen
medRxiv 2022.09.01.22279492; doi: https://doi.org/10.1101/2022.09.01.22279492

**COVID-19 disruptions of food systems and nutrition services in Ethiopia: Evidence of the impacts and policy responses**
Juliet McCann, Lea Sinno, Eki Ramadhan, Nega Assefa, Hanna Y Berhane, Isabel Madzorera, Wafaie Fawzi
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Freja Kirsebom, Nick Andrews, Julia Stowe, Mary Ramsay, Jamie Lopez Bernal
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**Low levels of monkeypox virus neutralizing antibodies after MVA-BN vaccination in healthy individuals**
Luca M. Zaeck, Mart M. Lamers, Babs E. Verstrepen, Theo M. Bestebroer, Martin E. van Royen, Hannelore Gotz, Marc C. Shamier, Leanne P.M. van Leeuwen, Katharina S. Schmitz, Kimberly Alblas, Suzanne van Efferen, Susanne Bogers, Sandra Scherbeijn, Guus F. Rimmelzwaan, Eric C.M. van Gorp, Marion P.G. Koopmans, Bart L. Haagmans, Corine H. GeurtsvanKessel, Rory D. de Vries
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The Cultural Evolution of Vaccine Hesitancy: Modeling the Interaction between Beliefs and Behaviors
Kerri-Ann Anderson, Nicole Creanza
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Monkeypox is the manifestation of spectral diseases and not of monkeypox virus transmission
Paul Ola
Last edited: Sep 1, 2022 UTC
Life Sciences Immunology and Infectious Disease Medicine and Health Sciences Public Health Epidemiology Immunology of Infectious Disease Diseases
The sad monkeypox deaths in countries which now include the United States, Spain, Brazil, India, Ecuador and Peru confirm the predictions of the theory of “The origin of the mysterious multi-country monkeypox outbreak in non-endemic countries” of June 2, 2022 which was obtained with the superior Ein ...
OSF Preprints

Extent to which people perceive and accept Covid-19 vaccines in north central Vietnam
Thuy Nguyen
Cong-Thang Ngo
Thi Hong-Diep Pham
Thi-Hong Nguyen
Thi Huong-Lan Nguyen
Quy Van Khuc
Last edited: Aug 31, 2022 UTC
Social and Behavioral Sciences Communication Medicine and Health Sciences Public Health Arts and Humanities Sociology Economics
COVID-19; vaccine; vaccination; willingness-to-participate; Nghe An; Viet Nam
OSF Preprints

Evidence from 35 countries that the social perception of key protagonists is associated with containment measures during the COVID-19 pandemic
Maria-Therese Friehs +56
Last edited: Aug 30, 2022 UTC
Social and Behavioral Sciences Psychology Social Psychology
It is crucial to understand why people comply with measures to contain viruses and their effects during pandemics. We provide evidence from 35 countries (Ntotal = 12,553) from six continents during the COVID-19 pandemic that the social perception of key protagonists on two basic dimensions of social ...
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Think Tanks

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*Latest Research [Selected]*
*Report*
*Macroeconomic stabilization for a post-pandemic world*
Anton Korinek and Joseph E. Stiglitz
Monday, August 29, 2022
*Revising the fiscal-monetary policy mix and correcting macroeconomic externalities*

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*No new digest content identified.*

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No new digest content identified.

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No new digest content identified.

**Rand** [to 03 Sep 2022]
https://www.rand.org/pubs.html

Reports, Selected Journal Articles

Journal Article


The Gross Developmental Potential (GDP2) is proposed as a new capabilities-based framework for assessing threats to thriving and understanding progress in achieving lifelong health and wellbeing.

Sep 2, 2022
Neal Halfon, Anita Chandra, Jill S. Cannon, William Gardner, Christopher Forrest

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New Research Publications

**Brief**

**The Covid-19 Provider Relief Fund: Following How the US Department of Health and Human Services Distributed $178 Billion**

August 29, 2022

Since March 2020, Congress has allocated $178 billion to the COVID-19 Provider Relief Fund. Established under the Coronavirus Aid, Relief, and Economic Security (CARES) Act, the fund was meant to help providers “prevent, prepare for, and respond to coronavirus” and to “reimburse...eligible health care providers for health care related expenses or lost revenues that are attributable to coronavirus.” From the outset, the fund has faced sharp criticism from congressional lawmakers, industry groups, and other stakeholders. In this brief, we use the most recent publicly available information to update our earlier work on the Provider Relief Fund and review how the US Department of Health and Human Services (HHS) has allocated fund grants. We find that all $178 billion in provider relief funds were allocated and most of the amount distributed as of February 2022. Since that time, the agency has released more money, so it is likely that the Provider Relief Fund is largely depleted as of July 2022. At the same time, however, providers have returned nearly $10 billion in funds because they did not need the money or could not meet the terms and conditions, and HHS expects more returned funds to come.

Although Congress at present does not seem inclined to appropriate more health-related pandemic funding, the Provider Relief Fund will continue to remain active for the foreseeable future, with some providers returning excess funds over the next year. Given the controversy surrounding the fund, as well as the significance of these grants for many providers, continuing to follow provider relief will be important—both to ensure that funds were properly used and to help inform future policymaking.