





New Zealand became an Associated Country in July 2023 and has been actively participating in a wide range of EU programmes. The engagement is managed through the Ministry of Business, Innovation and Employment (MBIE). MBIE provides leadership through the appointment of National Contact Points and in Europe is led by a senior Science Counsellor based in Brussels.

New Zealand is pleased to have joined the Pandemic Preparedness programme and has been active in the BE READY initiative. BE READY coordination is managed on behalf of the New Zealand Government by the Ministry of Health and the Medical Research Institute of New Zealand (MRINZ). To add or update information email: alex.semprini@mrinz.ac.nz

More broadly Pandemic Preparedness is led by the Public Health Agency – an agency within the Ministry of Health.

R&I Policies and Strategies The information is not exhaustive and should be updated regularly

Country has a dedicated strategy for research and innovation related to pandemic threat? No

Country has an open science portal with information on publicly financed scientific research? Yes

R&I portal: https://www.mbie.govt.nz/science-and-technology/science-and-innovation/research-and-data

Country has R&I webpage on: COVID-19

Website open science/open data initiative with respect to pandemic threats:

Name	URL	Short description
COVID-19 and National Immunisation	https://www.health.govt.nz/statistics-	Funded COVID-19 research
Programme research projects	research/research/health-research-and-	project descriptions and
	innovation-system-leadership/covid-19-and-	reports.
	<u>immunisation-projects</u>	
COVID-19 data and statistics	https://www.tewhatuora.govt.nz/for-health-	Up to date COVID-19 data and
	professionals/data-and-statistics/covid-19-data	statistics across Aotearoa New
		Zealand

Country has coordinating structures to link public health needs and research needs? Yes

https://www.who.int/westernpacific

https://www.health.govt.nz/about-us/organisation-and-leadership/public-health-agency

R&I Infrastructures and initiatives The information is not exhaustive and should be updated regularly

NZ has the following research infrastructure for infectious diseases and outbreaks available, or in development for research on pathogens with high pandemic and/ or epidemic potential:

Name Infrastructure/ initiative	Туре	URL	Max Capacity	Available to academia/ industry	Open to other research communities
Aotearoa Clinical Trials	Clinical trials	www.aotearoatrials.nz		Academia; Industry; Government; International; Other	Yes
Australia-Aotearoa Consortium for Epidemic Forecasting and Analytics	Researcher and public health agency partnership	https://acefa-hubs.github.io			
Awanuni Labs	AMR and antibiotic consumption Databank	www.awanuilabs.co.nz			
	Genomic surveillance of hospital associated pathogens				
Biovaleo Limited	Contract Research Organisation	www.biovaleo.com			
Canterbury Health Laboratories	Cytometry facility	www.chl.co.nz/services		Academia; Government	Upon request
	PC3 Laboratory				
	Measles Reference Laboratory				
CIRCAN Children's Inpatient Research Collaborative Australia NZ	Research collaborative	www.circan.org		Academia; Other	Yes
Estendart Research	Veterinary clinical trials GLP facility	www.ercnz.com			
Genomics Aotearoa	National consortium	https://www.genomics- aotearoa.org.nz/		Academia; Industry; Government; International; Other	Upon request
Harvest Integrated Research Organisation (HiRO)	Contract Research Organisation (NZ arm)	www.en.harvestiro.com		Academia; Industry; Government; International; Other	
ICU REMAP CAP network	Clinical Trials	www.mrinz.ac.nz	Part of global network	Yes	Yes
Infectious disease modelling Aotearoa	Network			Academia; Industry; Government; International;	Upon request
Inzight Analytics Limited	Data services	www.inzight.co.nz			
Malaghan Institute of Medical Research	Vaccine development GMP laboratory Hugh Green Technology Centre	www.malaghan.org.nz			
Moana Connect	Pasifika research organisation	www.moanaconnect.co.nz			
MRINZ	Clinical trials REMAP-CAP (NZ lead) Pharmacy Research Network (Community, full service decentralised RCT, sample networks)	www.mrinz.ac.nz		Yes	Yes

NZ Institute of Public Health and Forensic Science	Wastewater surveillance: systems (municipal/air travel/buildings/); data repository; Modelling;	www.github.com/ESR- NZ/covid in wastewater www.poops.nz		Academia; Industry; Government; International; Other	Yes
	Genomic sequencing	www.phfscience.nz/expertise/g enomics			
	Reference Laboratory	www.phfscience.nz/about-our- laboratories			
	COVID-19 Biobank	www.phfscience.nz/covid-19- biobank			
	Surveillance platform	www.phfscience.nz/expertise/i nfectious-disease/infectious- disease-intelligence- surveillance			
	SHIVERS (Southern Hemisphere Influenza, Vaccine Effectiveness Research and Surveillance)	www.phfscience.nz/news- publications/from-silent- spreaders-to-icu-next-stage-of- groundbreaking-nz-led-study- probes-how-flu-affects-people- so-differently			
	Rapid molecular diagnostics programme				
NZCR	Clinical trials	www.nzcr.com			
One Health Aotearoa	Infectious disease alliance	www.onehealth.org.nz			
Optimal Clinical Trials	Clinical trials	www.optimalclinicaltrials.com	3 units across New Zealand + NZCR (2 inpatient clinical trials units)	Industry; Other	Upon request
Otago University	Rift Valley Fever Epidemiology and Modelling to Inform Vaccine Efficacy Trials (REMIT)	www.cepi.net/rift-valley-fever		Academia; Industry; Government; International; Other	
	Otago Global Health Institute	www.otago.ac.nz/global-health		Other	
	Health Protection Aotearoa Research Centre (HPARC)	www.otago.ac.nz/wellington/re search/groups/research- groups-in-the-department-of- public-health/health- protection-aotearoa-research- centre			
	The Infection Group	https://www.otago.ac.nz/christ church/infection-group			
	Vaccine formulation and evaluation platform	https://www.otago.ac.nz/phar macy/research/facilities			
	Pathogen genomics laboratory	www.otago.ac.nz/microbiology- and-immunology			
Pacific Clinical Research and Momentum Clinical Research	Clinical trials unit	www.momentumclinicalresearc h.co.nz		Industry	Yes
		www.pcrn.co.nz			
PPD	Contract Research Organisation (NZ arm)	www.ppd.com			
Public Health Communication Centre Aotearoa (PHCC)	Communications centre	www.phcc.org.nz		Academia	Yes
RNA Platform	National consortium	www.wgtn.ac.nz/ferrier/rnaplat form		Academia; Industry; Government; International; Other	Upon request

Statistics NZ	Integrated Data Infrastructure (IDI)	www.stats.govt.nz/integrated- data/integrated-data- infrastructure	Academia; Industry; Government; International; Other	Upon request
Te Niwha	Infectious disease platform	www.teniwha.com		
Te Whatu Ora	National Telehealth service Respiratory Clinical Leads Network NZ Bug Network (Infectious disease clinicians) ARROW NZ (Paediatric network)	www.tewhatuora.govt.nz/healt h-services/telehealth	Government	Yes

Is your country/ region/ institution supporting participation to one of the ESFRI (https://www.esfri.eu/) initiatives relevant for infectious diseases?

• ECRIN (MRINZ currently undergoing data certification audit and application to become an ECRIN expert Clinical Trials Unit)

Is your country/region/institution engaged with any open science/open data initiative with respect to pandemic threats such as COVID-19 open data?

No

Is your country involved in a website network of clinical trials (e.g. to facilitate the access to clinical trials)?

European Clinical Research Infrastructure Network: https://ecrin.org

REMAP-CAP network:
 https://www.remapcap.org/

• Various clinical trial networks (see infrastructure table above)

Budget mobilisation mechanisms and funding sources The information is not exhaustive and should be updated

regularly

Basic Research

https://www.hrc.govt.nz/

https://www.royalsociety.org.nz (blue skies)

Funding accessible for industry?

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Source of funding Public (research) agencies; Private industries/ philanthropic; Non-profit organisation

Applied Research

mbie.govt.nz

Funding accessible for industry?

Source of funding

Public (research) agencies; Private industries/ philanthropic; Non-profit organisation

Translational Research

https://www.hrc.govt.nz/

Funding accessible for industry?

Source of funding

No

Public (research) agencies; Private industries/ philanthropic; Non-profit organisation

Clinical Research (in general)

https://www.hrc.govt.nz/

Funding accessible for industry?

Source of funding Phase funded? No

Public (research) agencies; Private industries/ philanthropic; Non-profit organisation

Phase 1; Phase 2; Phase 3; Phase 4

Clinical Research (in pandemic phase)

https://www.hrc.govt.nz/

Funding accessible for industry?

Source of funding Phase funded?

No

Public (research) agencies; Private industries/ philanthropic; Non-profit organisation

Phase 1; Phase 2; Phase 3; Phase 4

Innovation Projects

https://www.hrc.govt.nz/

Funding accessible industry?

Source of funding

Yes

Public (research) agencies; Private industries/ philanthropic;

Flexible funding possible, accessible for industry, possible during crisis (bespoke initiatives only).

New Zealand has been an active participant in international clinical trials during the pandemic but systems and processes including dedicated funding are immature.

Ministry of Business, Innovation and Employment (MBIE) funds infectious disease focused research via the RNA development and Te Niwha platforms:

- 1. https://www.mbie.govt.nz/science-and-technology/science-and-innovation/funding-information-and-opportunities/investment-funds/ssif-funded-programmes/ribonucleic-acid-rna-development-platform
- 2. www.wgtn.ac.nz/ferrier/rnaplatform
- 3. https://www.teniwha.com/

R&I actors, authorities and activated processes that are activated in case of a health threat The information is not exhaustive and should be updated regularly

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- ministries involved in case of an outbreak;
- mobilisation processes of research forces;
- (existing) national or regional structures that advise governments on R&I during emergencies;
- administrative procedures to diminish the administrative burden for researchers and funding administrations;
- assessment of research outputs produced during a crisis;
- mechanisms to identify promising therapies or medical products for pandemic preparedness that are in the pipeline;
- international scientific collaboration in case of an outbreak

Health New Zealand - Te Whatu Ora	The New Zealand health care system	www.tewhatuora.govt.nz/
Health Research Council of New	HRC advises the Minister of Health on national health	www.hrc.govt.nz
Zealand (HRC)	research policy, gives advice of health research priorities	
	for New Zealand, initiates and supports health research	
	and fosters the recruitment, training and retention of	
	health researchers in New Zealand	
Ministry of Business, Innovation and	MBIE manages New Zealand's skills, science and	https://www.mbie.govt.nz/
	,	Tittps://www.iiibie.govt.iiz/
Employment (MBIE)	innovation systems and funds applied research.	
Ministry of Health (MoH)	MoH monitories, regulates and advises government on	https://www.health.govt.nz/
	health priorities and policy.	
New Zealand Institute for Public	PHF Science (Institute of Environmental Science and	https://www.phfscience.nz/
Health and Forensic Science (PHF	Research ESR- till July 2025) is responsible for disease	
Science)	surveillance, addressing global challenges such as	
	pandemic preparedness, antimicrobial resistance and the	
	health and wellbeing impacts of climate change. PHF	
	Science hosts New Zealand's national reference	
	laboratory, coordinates infectious disease intelligence and	
	surveillance and is a WHO National Influenza Centre.	
Pharmac - Te Pātaka Whaioranga	PHARMAC is the government agency that decides which	https://www.pharmac.govt.nz/
	medicine and related products are funded in New	
	Zealand.	
Public Health Agency (PHA) - Te Pou	The PHA is responsible for population and public health	https://www.health.govt.nz/about-
Hauora Tūmatanui	initiatives across New Zealand.	us/organisation-and-leadership/public-health-
		agency
Various institutions, collaborations	See R&I infrastructures table above	
and networks		

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BE READY is responding to the call: HORIZON-HLTH-2021-DISEASE-04-06 "Building a European partnership for pandemic preparedness" under grant agreement 101057795. Starting date: 01.06.2022. | End Date 31.05.2025

BE READY PLUS is responding to the call: HORIZON-HLTH-2024-DISEASE-17 "Pandemic preparedness and response: Maintaining and enhancing the preparatory work for a co-funded European partnership for pandemic" under grant agreement 101195079. Starting date: 01.01.2025. | End Date 31.12.2025

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This country profile is based on input received via https://ec.europa.eu/eusurvey/runner/BEREADY Questionnaire Observatory and desktop research and does not contain any private information