

The competences for R&I and health are decentralised. Governance of the COVID-19 pandemic involved multiple authorities and a new pandemic law. The COVID-19 response is managed by the central government (through the Ministry of Foreign Affairs and Ministry of Social Affairs), along with other authorities including the Public Health Agency, which coordinates surveillance, communications and testing, and the National Board of Health and Welfare, which coordinates hospital beds and other resources. The Swedish Civil Contingencies Agency provides pandemic information to the public and supports other agencies, while the regions are tasked with scaling up health care capacity. During the COVID-19 pandemic, the Swedish Parliament approved a legislative amendment that temporarily gave the government increased powers to be able to quickly take measures to limit the spread of infection. This was followed by a temporary pandemic law passed in March 2021, which went beyond the Communicable Diseases Act and the Code of Conduct to extend the scope of measures at the government's disposal, including power to impose restrictions on businesses. From State of Health in the EU Sweden Country Health Profile 2021 [https://health.ec.europa.eu/system/files/2021-12/2021\\_chp\\_sv\\_english.pdf](https://health.ec.europa.eu/system/files/2021-12/2021_chp_sv_english.pdf)

## R&I Policies and Strategies

Country has a dedicated strategy for research and innovation related to pandemic threat? Yes

R&I strategy URL National research program in viruses and pandemics: <https://www.vr.se/english/analysis/reports/our-reports/2023-10-10-strategic-research-agenda-national-research-programme--in-viruses-and-pandemics.html>

National research program within antibiotic resistance <https://www.vr.se/english/mandates/funding-and-promoting-research/research-on-antibiotics-and-antibiotic-resistance/national-research-programme-within-antibiotic-resistance.html>

<https://www.scilifelab.se/capabilities/pandemic-laboratory-preparedness/>

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

Swecris is a national database, where you can see how the participating research funding bodies have distributed their funds to researchers in Sweden. The database contains data from both governmental and private research funding bodies – 11 in total. Swecris is administered by the Swedish Research Council on behalf of the Government.

[Swecris - Vetenskapsrådet \(vr.se\)](https://www.vr.se)

Country has R&I webpage on COVID-19; Monkey pox; Other WHO viral risks; Antimicrobial resistance (AMR); Chemical, Biological, Radiological and Nuclear (CBRN) threats

Website open science/ open data initiative with respect to pandemic threats, such as COVID-19 open

Name	URL	Short Description
Antimicrobial resistance (AMR)	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-</a>	
BY-COVID	<a href="https://by-covid.org/">https://by-covid.org/</a>	The BeYond-COVID project aims to make COVID-19 data accessible to scientists in laboratories but also to anyone who can use it, such as medical staff in hospitals or government officials.
Chemical threats	<a href="https://www.msb.se/sv/amnesomraden/skydd-mot-olyckor-och-farlaga-amnen/brottsforebyggande/kemiska-hot/">https://www.msb.se/sv/amnesomraden/skydd-mot-olyckor-och-farlaga-amnen/brottsforebyggande/kemiska-hot/</a>	
Radiological and Nuclear threats	<a href="https://www.stralsakerhetsmyndigheten.se/en/">https://www.stralsakerhetsmyndigheten.se/en/</a>	
COVID-19	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-</a>	
Monkeypox	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-</a>	
Swedish Civil Contingencies Agency (MSB)	<a href="https://www.msb.se/en/about-msb/research/">https://www.msb.se/en/about-msb/research/</a>	
Swedish Pathogens Portal	<a href="https://www.pathogens.se">https://www.pathogens.se</a>	

Swedish Research Council responses to COVID-19

<https://www.vr.se/english/just-now/covid-19/swedish-research-council-responses-to-covid-19.html>

Summary of what the Swedish Research Council is doing and has done to date to support research into the coronavirus and COVID-19

The European COVID-19 Data Platform

<https://www.covid19dataportal.org/>

The European COVID-19 Data Platform facilitates data sharing and analysis in order to accelerate coronavirus research

The Swedish COVID-19 & Pandemic Preparedness Data Portal

<https://covid19dataportal.se/>

Country has coordinating structures to link public health needs and research needs? No

## R&I Infrastructures

Country has the following research infrastructure for infectious diseases and outbreaks available, or under construction

BSL 3; BSL 4; High level isolation units; Emergency intervention units; Clinical trial units; High level isolation transport; Open genome deposits for viruses; Open genome deposits for bacteria; Open genome deposits for AMR; Reference centres of excellence

Name Infrastructure	Type Infrastructure	URL	Max Capacity	Available for	Open to
Biobank Sverige		<a href="https://www.biobank.se/">BiobankSverige.se</a>			
BSL3 Biomedicum-SciLifeLab Collaborative Platform	BSL3	<a href="https://www.pathogens.se/resources/bsl3/">https://www.pathogens.se/resources/bsl3/</a>			
Clinical Studies Sweden	Clinical Trial Units	<a href="https://kliniskastudier.se/english/clinical-trial-units-h-Clinicaltrialunits">https://kliniskastudier.se/english/clinical-trial-units-h-Clinicaltrialunits</a>			
EVA		<a href="https://www.european-virus-archive.com/">https://www.european-virus-archive.com/</a>			
High-containment laboratory at the Public Health Agency of Sweden	BSL4	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/microbiology-and-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/microbiology-and-</a>			
MAX IV national lab providing scientists with the most brilliant X-rays for research @Lund Univ		<a href="https://www.maxiv.lu.se/news/life-science/">https://www.maxiv.lu.se/news/life-science/</a>			
Pandemic Laboratory Preparedness Program	Life science infrastructure	<a href="https://www.scilifelab.se/capabilities/pandemic-laboratory-preparedness/">https://www.scilifelab.se/capabilities/pandemic-laboratory-preparedness/</a>		Academia	Yes
Public Health Agency Microbiology and Diagnostics	Diagnostic	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/microbiology-and-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/microbiology-and-</a>			
Public Health Agency's preparedness platform		<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-</a>			
SHARE (Survey of Health Aging and Retirement in Europe)		<a href="https://www.share-eric.eu/">Higher-Risk Health Lifestyle and Preventive Behaviour during COVID-19 (share-eric.eu)</a>			

Country supporting the participation to the following ESFRI initiatives relevant for infectious diseases  
BBMRI; EATRIS; ERINHA

Website network of clinical trials (e.g. to facilitate the access to clinical trials) the country is involved in  
<https://vaccelerate.eu/>

## **Budget mobilisation mechanisms and funding sources**

### **Basic Research**

url	<a href="http://vr.se">vr.se</a> <a href="http://Forte-Forskningsrådet-för-hälsa-arbetsliv-och-välfärd/www.formas.se">Forte - Forskningsrådet för hälsa, arbetsliv och välfärd www.formas.se</a>	
funding for basic research accessible for industry?		No
source of funding	Public (research) agencies	

### **Applied Research**

url	<a href="http://vinnova.se">vinnova.se</a> <a href="http://Swedish-research-creating-sustainable-growth-RISE/www.formas.se">Swedish research creating sustainable growth   RISE www.formas.se</a>	
funding for applied research accessible for industry?		Yes
source of funding	Public (research) agencies	

### **Translational Research**

url	<a href="http://www.formas.se">www.formas.se</a> <a href="http://Forte-Forskningsrådet-för-hälsa-arbetsliv-och-välfärd">Forte - Forskningsrådet för hälsa, arbetsliv och välfärd</a>	
funding accessible for industry?		No
source of funding		

### **Clinical Research (in general)**

url	<a href="http://vr.se">vr.se</a> <a href="http://Forte-Forskningsrådet-för-hälsa-arbetsliv-och-välfärd">Forte - Forskningsrådet för hälsa, arbetsliv och välfärd</a>	
funding accessible for industry?		No
source of funding	Public (research) agencies	
phase funded?	Phase 1	

### **Clinical Research (in pandemic phase)**

url	
accessible for industry?	
source of funding	
phase funded ?	

### **Innovation Projects**

url	<a href="http://vinnova.se">vinnova.se</a>	
funding for innovation projects accessible for industry?		Yes
source of funding	Public (research) agencies	

Flexible funding is provided in case of emergency.

## **R&I actors, authorities and activated processes that are activated in case of a health threat**

R&I actors, authorities and	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; 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	
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Name	Description	url
Public Health Agency of Sweden	The Public Health Agency of Sweden has the overall national responsibility for protecting the population against communicable diseases. The Agency must also coordinate infection control and preparedness against cross-border health threats.	<a href="https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-control/emergency-preparedness/">https://www.folkhalsomyndigheten.se/the-public-health-agency-of-sweden/communicable-disease-control/emergency-preparedness/</a>
Research Institute of Sweden (RISE)	The research institute of Sweden (RISE). RISE Research Institutes of Sweden is Sweden's research institute and innovation partner.	<a href="https://www.ri.se/en">https://www.ri.se/en</a>

Through international collaboration with industry, academia and the public sector, we ensure business competitiveness and contribute to a sustainable society.

SciLifeLab Pandemic Preparedness Program

The SciLifeLab Infrastructure will switch to pandemic mode during outbreaks

<https://www.scilifelab.se/capabilities/pandemic-laboratory-preparedness/>

Swedish Research Council for Health, Working Life and Welfare FORTE

Forté funds research within three main fields: health, working life and welfare. Forté funds research regarding both public and individual health. Research within this field includes studies on diseases and what affects the risk of being infected. It also includes efforts to promote good health and prevent ill health, rehabilitation and nursing, health care processes and systems.

<https://forte.se/en/>

Research within this field also includes health care research. This field aims to develop health care and social care services for patients, diseased and their relatives. To improve clinical results, coordinated research on healthcare as a sector is necessary. It is also important to evaluate effective methods for implementation.

Swedish Research Council

The Swedish Research Council is a research policy adviser to the government. We analyze and follow up the research system and the research conditions and give advice on future research policy.

<https://www.vr.se/>

Vinnova

Vinnova is Sweden's innovation agency. Our mission is to strengthen Sweden's innovative capacity and contribute to sustainable growth. We work to ensure that Sweden is an innovative force in a sustainable world

<https://www.vinnova.se/en>



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

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This country profile is based on input received via [https://ec.europa.eu/eusurvey/runner/BEREADY\\_Questionnaire\\_Observatory](https://ec.europa.eu/eusurvey/runner/BEREADY_Questionnaire_Observatory) and desktop research and does not contain any private information