

The central government was the main authority in the national response to the pandemic with support from the COVID-19 Central Management Team (an advisory group in charge of implementing the COVID-19 response) and the Central Crisis Staff (a crisis management body chaired by the Minister of the Interior during the crisis). Despite the predominantly central coordination, regional governments were responsible for implementing strategies. (from State of Health in the EU - Czechia - Country Health Profile 2021 https://health.ec.europa.eu/system/files/2021-12/2021_chp_cs_english.pdf)

To reduce the risks of other public health threats: Czechia is working on its preparedness to antimicrobial resistance. The Czech government launched the National Antibiotic Programme in 2009, aiming to ensure long-term availability, effectiveness and safety of antibiotic treatment for patients with infectious diseases. The latest Action Plan for 2019-22 targets AMR surveillance and responsible use of antibiotics, and promotes research support and health literacy (SZÚ, 2018). The National Institute of Public Health focuses on AMR prevention, and runs information campaigns for physicians and the general public, supported by funds from the EEA and Norway. These campaigns have been successful in increasing literacy on responsible use of antibiotics (SZÚ, 2023) (from State of Health in the EU - Czechia - Country Health Profile 2021 https://health.ec.europa.eu/system/files/2021-12/2021_chp_cs_english.pdf)

R&I Policies and Strategies

Country has a dedicated strategy for Research and innovation related to pandemic threat? **yes** https://www.azvcr.cz/wp-content/uploads/2024/09/Applied-Health-Research-Support-Program_docx.pdf

R&I strategy URL <https://www.vyzkum.cz/FrontClanek.aspx?idsekce=782681&ad=1&attid=782726>

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

R&I portal <https://openaccess.cz/en/open-access-in-the-czech-republic/>

Country has R&I webpage on COVID-19; Antimicrobial resistance (AMR)

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

Name	URL
AMR	https://nivb.cz/en/
COVID-19	https://onemocneni-aktualne.mzcr.cz/covid-19
COVID-19 (Ministry of Health)	https://data.gov.cz/dataset?iri=https%3A%2F%2Fdata.gov.cz%2Fzdroj%2Fdatov%C3%A9-sady%2F00024341%2Face1d8dc310e2c437ed
COVID-19 (Ministry of Health)	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9022808/
COVID-19 (National Library of Medicine)	https://ghdx.healthdata.org/record/czechia-covid-19-open-data-sets-2020-2022

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

Coordinating structures URL <https://mzd.gov.cz/wp-content/uploads/wepub/8690/21944/Health%202020%20E2%80%93National%20Strategy%20for%20Health%20Pro>

R&I Infrastructures

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

Name Infrastructure	Type Infrastructure	URL	Max Capacity	Available for	Open to
BBMRI-CZ		https://www.bbmri.cz/			
CZECRIN		https://czecrin.cz/en/home/			
CZ-OPENSREEN		https://openscreen.cz/en/home			
EATRIS CZ		https://eatris.cz/			
ELIXIR-CZ		https://www.elixir-czech.cz/			

Country supporting the participation to the following ESFRI initiatives relevant for infectious diseases

BBMRI BBMRI CZ <https://www.bbmri.cz/> ; ECRIN EATRIS -CZ <https://eatris.cz/> ; ELIXIR-CZ <https://www.elixir-czech.cz/>

Website network of clinical trials (e.g. to facilitate the access to clinical trials) the country is involved in

<https://eu-response.eu/>
<https://ecrin.org/>
<https://czecrin.cz/en/home/>
<https://vaccelerate.eu/>
<https://www.combacte.com/>

Budget mobilisation mechanisms and funding sources

Basic Research

url <https://gacr.cz/en/> Czech Science Foundation
<https://mzd.gov.cz/> The Ministry of Health of the Czech Republic applied research or a combination basic and applied research, clinical studies

Applied Research

url <https://www.tacr.cz/en/>
https://www.azvcr.cz/wp-content/uploads/2024/09/Applied-Health-Research-Support-Program_docx.pdf
<https://mzd.gov.cz/>

funding for applied research accessible for industry? Yes

source of funding Public (research) agencies; Private industries / philanthropic

Translational Research

url <https://www.azvcr.cz/en/>

Clinical Research (in general and in pandemic phase)

url <https://www.azvcr.cz/en/>

flexible regional funding during emergency : YES

<https://portal.gov.cz/en/sluzby-vs/immediate-emergency-assistance-S453>

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

ministries involved in case of an outbreak; (existing) national or regional structures that advise governments on R&I during emergencies

Name	Description	url
Central Administrative Office Responsible for Research and Development within Ministry of Education, Youth & Sport	The Ministry of Education, Youth and Sports (MEYS) is the central administrative office responsible for research and development in the Czech Republic.	https://www.msmt.cz/research-and-development-1
Czech Health Research Council	The Czech Health Research Council is managed by the Ministry of Health of the Czech Republic and its purpose is to support health research with public funds. It prepares activities and public tenders in health research, evaluates projects submitted to these competitions, prepares documents for the provision of funding to selected projects and then evaluates the progress of the objectives of these projects. Funding for projects is provided from the Ministry of Health through grants.	https://www.azvcr.cz/en/
Czech Science Foundation	The Czech Science Foundation (GACR) is an independent public organisation supporting basic research throughout all scientific fields from public funds. GACR is the only institution in the Czech Republic, which provides public funding exclusively for basic research projects.	https://gacr.cz/en/
Ministry of Health	The Ministry of Health (MZCR) is a central authority of the state administration for the health care, public health protection, health research activities, directly controlled health facilities, handling with drugs, preparations, and other agents, search, protection and use natural health resources, natural spas and mineral water resources, medicaments and technical equipment for prevention, diagnostics and treatment of people. Last but not least, MZCR is responsible for health insurance and health information system. The MZCR as beneficiary of the partnership will provide national funding for successful projects, sign contracts with successful Czech applicants and receive EC contribution.	https://mzd.gov.cz/en/the-ministry-of-health/
Research, Development and Innovation Council	The Research, Development and Innovation Council (R&D&I Council) is a professional and consultancy body of the Government of the Czech Republic in the field of research, experimental development and innovation.	https://vyzkum.gov.cz/Default.aspx?lang=en
Státní zdravotní ústav - National Institute of Public Health (SZU)	The National Institute of Public Health (NIPH) is a health care establishment for basic preventive disciplines – hygiene, epidemiology, microbiology and occupational medicine. Its main tasks are health promotion and protection, disease prevention and follow-up of environmental impact on the health status of the population.	https://szu.cz/en/
Technology Agency of the Czech Republic	The Technology Agency of the Czech Republic is an organizational component of the state, which was established in 2009 by Act No. 130/2002 Coll. on the support of research, experimental development and innovation. The establishment of TA CR was one of the important implementation steps of the Research, Development and Innovation System Reform. The Technology Agency of the Czech Republic centralizes state support for applied research and development, which until then was fragmented	https://www.tacr.cz/en/



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