

CZECH REPUBLIC

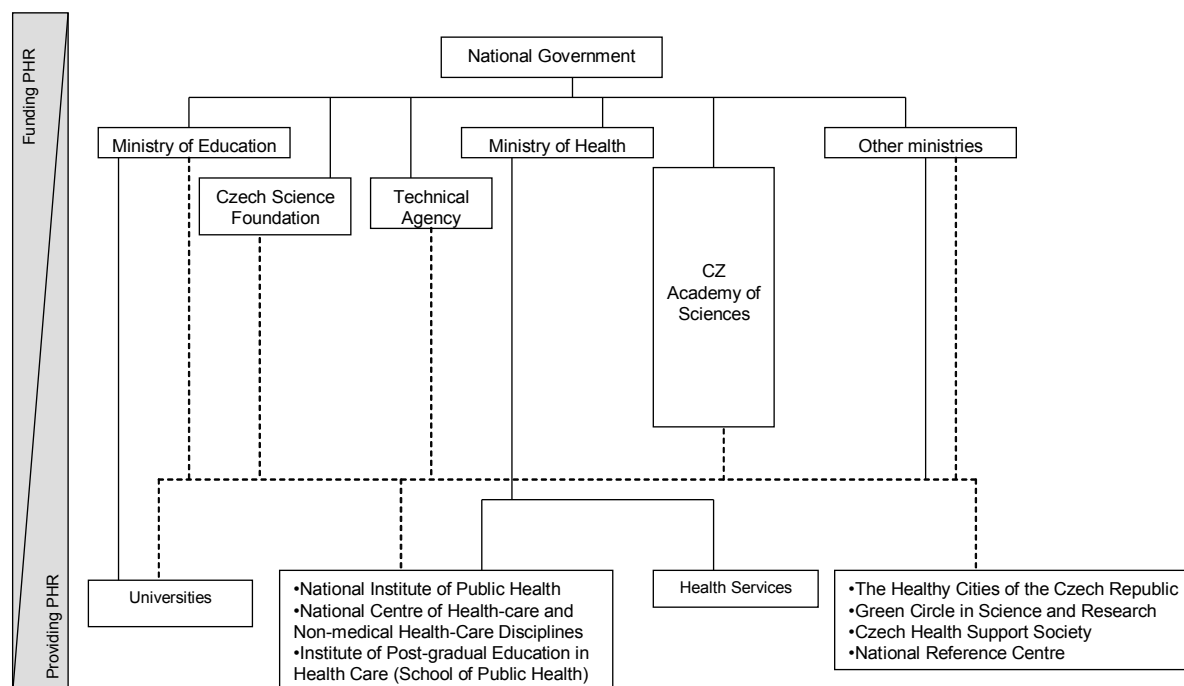
This information on national public-health research structures has been gained from country key informants and internet searches for STEPS (Strengthening Engagement in Public Health Research www.steps-ph.eu), a project funded by the European Commission Seventh Framework Research Programme. It builds on the country profiles and reports from Ministries of Health and Ministries of Science that were created previously for SPHERE (<http://www.ucl.ac.uk/public-health/sphere/sphereprofiles.htm>).



The organogram shows the structure for managing and providing public-health research from the perspective of financial flows. The main organisations are also briefly described, with their URLs, and other relevant national documents and information on public-health research.

Note: 'Public-health research' includes all health research at population, organisation and system level broadly relevant to health and health-care policy and practice. It excludes clinical and laboratory (biomedical) research.

1. Organogram



PHR: Public Health research; funding negotiated between government and agency/organization; includes direct commissioning
 funding competitive process where rules are more or less explicit and known in advance

2. Research Commissioners

The authority of individual central state administration bodies is specified by the so called Competence Act (Law No. 2/1969 Coll., on formation of ministries and other CZ state administration central bodies, as amended).

(Source: <http://www.epravo.cz/top/zakony/sbirka-zakonu/uplne-zneni-zakona-ze-dne-8-ledna-1969-c-21969-sb-o-zrozeni-ministerstev-a-jinych-ustrednich-organu-statni-spravy-ceske-republiky-3142.html>)

The main authorities in research and development are given by the Law No. 130/2002 Coll., on the support of research and development from public resources.

(Source: <http://www.vyzkum.cz/storage/att/9A5FB83C4645ADFD6413FD8938960D0C/zakon130.pdf>)

The Research and Development Council (RDC) is a professional and advisory governmental body for the field of research and development (R&D) and according to the Law No. 130/2002 Coll. ensures in particular the processing of long-term basic directions of research and development in the CR, processes annual analyses of R&D and proposes to the government the amount of overall R&D expenses and their allocation in individual budget sections. (Source: <http://www.vyzkum.cz/FrontClanek.aspx?idsekce=496>).

2.1 Ministry of Health, <http://www.mzcr.cz/En/>

The expert advisory body of the Ministry of Health of the CR is the Internal Grant Agency of the Ministry of Health (http://www.mzcr.cz/Odbornik/obsah/verejna-soutez-2009-2011_987_3.html).

2.2. Ministry of Science

The Ministry of Education, Youth and Sports (MEYS CR, <http://www.msmt.cz/vyzkum>) is the central administrative authority responsible for research and development. From research and development expenses it in particular ensures the preparation of National Research and Development Policy of the Czech Republic; formulation of priorities in a form of National Research Programme.

In the field of PHR, special financial support can be demanded for specific university research (<http://www.msmt.cz/vyzkum/ucelova-podpora-na-specificky-vysokoskolsky-vyzkum>).

2.3. Other ministries

2.3.1. The Czech Science Foundation (GACR, Grantová agentura České republiky <http://www.gacr.cz/international.htm>; <http://marmolata.gacr.cas.cz/?p=150>) was established in 1993 as an independent institution.

It promotes progress over the whole range of basic research in the Czech Republic. The main function of the Czech Science Foundation is to provide, on the basis of public tender, financial support for research projects submitted by individuals or organizations. The main source of the funds available is the state budget, but contributions from other sources are also possible. In the classification of domains in the central register of projects there is stated domain FQ - Public Health Care, Social Medicine (<http://www.vyzkum.cz/FrontClanek.aspx?idsekce=1374>).

2.3.2. Technological Agency of the CR is an organisational department of the state and administrator of budget section according to § 36a and Law No. 130/2002 Coll. Its main task is to prepare and realise *applied research* programmes, experimental development and innovations including programmes for the needs of state administration, public tenders in research, experimental development and innovations for the support of programme projects and commissioning of public contracts in research, experimental development and innovations.

(Source: http://www.tacr.cz/dokums_soubory/statut_tacr_priloha_usneseni_vlady_uv091207_0.pdf)

2.3.3. Ministry of Agriculture of the CR (MA, <http://eagri.cz/public/eagri/>) integrates research within the framework of institutional support.

2.4. Regions

2.5. Foundations

3. Research Performers

3.1. State Institutes

3.1.1. The National Institute of Public Health and its reference workplaces (<http://www.szu.cz/>) was established for preparation of data for national health policy, for health support and protection, to ensure methodical and reference activities in the area of public health protection, for monitoring and research of relationship between living conditions and health, for international collaboration, to control the quality of services provided in the area of public health protection, for post-gradual education in medical branches of health protection and support and for medical education of the population and workplaces of public administration - health institutes in individual regions.

(Sources: <http://www.szu.cz/poslani-ustavu>; http://portal.gov.cz/wps/portal/_s.155/697?kam=kategorie&kod=0173).

3.1.2. National Centre of Health-care and Non-medical Health-Care Disciplines in Brno that ensures lifelong education in the field of non-medical disciplines (<http://www.nconzo.cz/web/guest/nconzo/structure/regulation>)

3.1.3. Institute of Post-gradual Education in Health Care (<http://www.ipvz.cz/>) in Prague, which is a specialised educational and scientific workplace that ensures and performs for the establisher a conceptual, analytical, pedagogical, methodical, coordination, registration, assessing, expert, scientific-research and accreditation activity in the field of specialised education of health-care workers. The School of Public Health serves as specialised public health workplace (<http://www.ipvz.cz/pracoviste/2940/informace-o-pracovisti-65.aspx>).

3.2. Mixed organizations

3.2.1. The Academy of Sciences of the Czech Republic (<http://www.cas.cz/index.html>) is a public non-university research institution, which comprises a system of scientific institutes (It is set up as a complex of 54 public research institutions). The Academy employs about 7,000 employees more than a half of whom are researchers with university degrees.

The primary mission of ASCR and its institutes is to conduct basic research in a broad spectrum of the natural, technical and social sciences and the humanities. Research areas comprehends: Mathematics, Physics and Earth Science; Life and Chemical Sciences (that includes a section on, Section of Biological and Medical Sciences and another on Bio-Ecological Sciences), Humanities and Social Sciences (that includes a section on Social and Economic Sciences).

The Academy of Sciences is financed primarily from the state budget.

The Academy of Sciences has a Grant Agency that distributes special financial means for grant projects' support on the basis of public tender in research and development.

3.3. Universities

Public universities – this in particular involves institutes or departments of social medicine and public health care of medical faculties of Charles University in Prague (<http://www.lf3.cuni.cz/cs/pracoviste/verejne-zdravotnictvi/>), Hradec Králové (<http://www.lfhk.cuni.cz/Karolinka/Department/default.asp?tsk=dep&lng=cz&i=190>) and in Pilsen (<http://www.lfp.cuni.cz/oddeleni/37-ustav-socialniho-lekarstvi.html>), Masaryk University in Brno (<http://www.muni.cz/med/110520/people>), Palackého University in Olomouc (<http://www.usl.upol.cz/>).

In the area of PHR there also engage institutes or departments of medical management or health care of medical science faculties (Palackého University in Olomouc, <http://www.upol.cz/fakulty/fzv/struktura/pracoviste-fzv/ustav-zdravotnickeho-managementu/>), of medical studies (Ostravská University in Ostrava, <http://fzs.osu.cz/uom/>), of medical-social studies (University of South Bohemia in České Budějovice, <http://www.zsf.jcu.cz/struktura/katedry/verzdrav/>).

3.4. Health Services

3.5. Independent organizations

3.5.1 The Healthy Cities of the Czech Republic (HCCCZ) - the interest association of legal persons Healthy Cities of the Czech Republic is an association of active cities, municipalities and regions whose programmes follow the principles of sustainable development, health support and general quality of life. The association helps the member municipalities in particular in the area of public engagement, realisation of local Agenda 21, organisation of community campaigns, strategic and community planning, system of health support on the local level etc.

(Source: <http://www.nszm.cz/index.shtml>)

3.5.2 Green Circle in Science and Research - association of environmental organisations (<http://www.zelenykruh.cz/cz/legislativni-centrum/>)

3.5.3 Czech Health Support Society - civic association. The association's objective is to stimulate the public to active interest in their own health, to participation in creation of healthy living conditions and support of healthy lifestyle (<http://www.cspz.cz/Programove-cile/>)

3.2.4 National Reference Centre (<http://www.nrc.cz/en/home>) interest association of legal persons with main targets of supporting the emergency bed care sector while implementing Diagnostic Related Group (DRG) as a refund mechanism, review of performance lists, using insurance houses' production data for monitoring quality of provided care and training and certification in the area of DRG coding. It contributes to the development of methods for health care payments, quality and efficiency assessment and development of DRG use.

4. Research Strategies

4.1 National Policy of Research, Development and Innovations in the CR for the years 2009 - 2015 - follows the Inter-departmental Concept of Collaboration in Research and Development until the 2015, approved by the CZ government in its resolution of June 9,

2008, No. 852 a that follows the document of European Research Area: New Perspectives. <http://www.vyzkum.cz/FrontClanek.aspx?idsekce=532844>

The data are summarised in the publication by publishing house SLON: The White Book of Research, Development and Innovations in the CR and in the magazine ERGO, ISSN 1802-2170. - <http://www.strast.cz/ergo/>

4.2 National Research Programme - NRP - sets the priorities in the area of PHR only the thematic programme No. 1 - Quality of Life - sub-programme population's health (Ministry of health in charge) and Quality and Safe Nutrition (Ministry of Agriculture in charge). (<http://www.vyzkum.cz/storage/att/2AC072A125D19F00757B5E3C733ED0C6/npv.pdf>)

4.3 Departmental Programme of Research and Development of the Ministry of Health (DPR III) - the programme is based on the approved Concept of Applied Medical Research and Development until the 2015 a and from the amended Law No. 211/2009 Coll., on the support of research, experimental development and innovations. The basic objectives of the approved Departmental Programme DPR III among others include:

- improvement of concrete contribution to health care in individual areas of applied research (primarily in diagnostics, therapy and prevention) in a form of provision of special programme project support,
- support of molecular-biological approaches in relevant areas of medical research and development,
- ensurance of further development of the current top workplaces including creation of conditions for greater engagement of young research workers, etc.

Allocation of public means for DPR III:

DPR III	2010	2011	2012	2013	2014	2015	Total
Public resources	100	212	746	1 150	1 100	1 050	4 358
Own resources	4	6	13	22	22	22	89
Total	104	218	759	1172	1122	1072	4447

(Source: http://www.mzcr.cz/unie/dokumenty/resortni-program-vyzkumu-a-vyvoje-ministerstva-zdravotnictvi-iii-na-leta-kod-nt_2356_993_3.html)

4.3.1 Sub-section of Departmental Programme DPR III 09 - The relationship of health and environment, preventive approaches in health care, have the following priorities:

- Identification of health risks and evaluation of influence on health based on the way of life and living or working environment.
- Development, verification and validation of new sensitive bio-markers of exposure and effect.
- Individual, genetic, behavioural, socio-economic, environmental and institutional determinants of health.
- Methods of eliminating risk factors on all levels.
- Injury prevention, in particular that of children and seniors.

4.3.2 Sub-section of Departmental Programme DPR III 12 – Health care, health care systems and informatics have the following priorities:

- New methods in the field of health care and tools of health policy in the activity of health care systems.
- Development of the standard and system of processing health care information, including indicators of efficiency and quality.

- Development of information means for citizens, education of health care workers and application of the current eHealth concept.

(Source: http://www.mzcr.cz/unie/dokumenty/resortni-program-vyzkumu-a-vyvoje-ministerstva-zdravotnictvi-iii-na-leta-kod-nt_2356_993_3.html)

5. Programmes and calls

5.1. Technological Agency of the CR

Programme for support of applied research and experimental development 2011 - 2015

ALFA <http://www.tacr.cz/programy-ta-cr/>

5.2. Internal Grant Agency of the CR

Project thematically fulfilling the sub-section 09 a 12 – see 4.3.1 and 4.3.2 2011 - 2015

(http://www.mzcr.cz/Odbornik/dokumenty/vyhlaseni-jednostupnove-verejne-souteze-o-ucelovou-podporu-iga-mz-na-reseni-programovych-projektu-zdravotnickeho-vyzkumu-a-vyvoje-na-leta_3840_1749_3.html)

6. European contacts

6.1. National FP7 Contact point (Health area)

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6.1.2 Pavel Anzenbacher, Institute of Pharmacology, Medical Faculty of Palackého University in Olomouc, pavel.anzenbacher@upol.cz

6.2. National DGSANCO Contact point

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