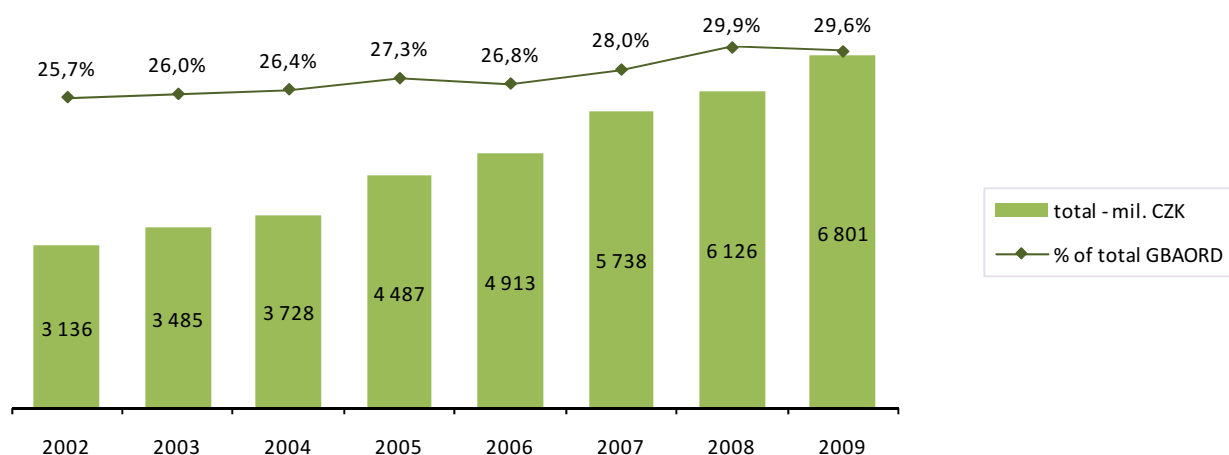


2.11 NON-ORIENTED RESEARCH (SEO 11)

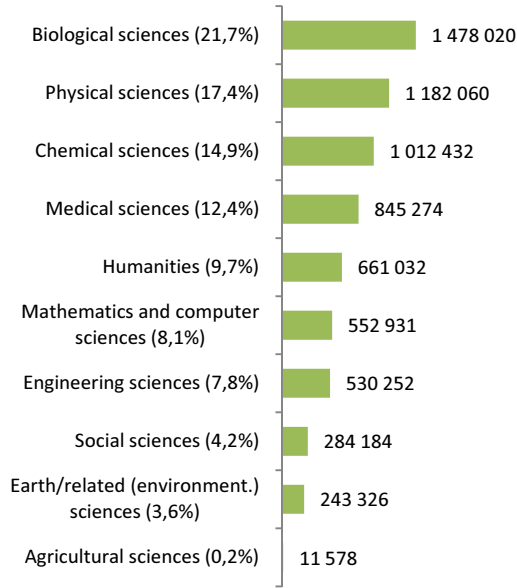
This socio-economic objective includes research of general nature in various fields of science carried out in order to increase general knowledge in society and which could not be classified into a specific socio-economic objective. Classification by field of science is used to provide a more detailed specification.

- It is a socio-economic objective with the highest absolute support. The amount of state funds flowing into the non-oriented research in the period 2002–2009 almost doubled from CZK 3,136 million in 2002 to CZK 6,801 million in 2009. The average annual growth was 11.7%. The proportion of this socio-economic objective on total GBAORD in the period 2002–2008 increased annually (except 2006) to 29.9% in 2008. In 2009, there was a slight decline to 29.6%.
- The most promoted subcategories within this socio-economic objective in 2009 were biological sciences with the share of 21.3% in the total SEO 11 (CZK 1,306,413 thousand), followed by physical sciences (CZK 1,182,060 thousand; 17.4%) and chemical sciences (CZK 1,012,432 thousand; 14.9%). The lowest proportion of support was given to projects related to agricultural sciences (CZK 11,578 thousand, 0.2%).
- In the period 2005–2009, the highest average annual growth was recorded for SEO 1106 – Medical Sciences (16.4%) and SEO 1104 – Earth and related (environmental) sciences (15.3%). On the contrary, the lowest average annual growth was observed in the case of SEO 1009 – Humanities (5.3%). For all socio-economic objectives in SEO 11, the average annual growth was positive.
- Only an area of science related to agricultural sciences (SEO 1106) was financed solely through project funding. All other areas of science – socio-economic sub-objectives – were also funded through institutional funding in 2009. Humanities (71.4%) and chemical sciences (66.6%) had the largest shares of institutional funding. Within medical sciences and engineering sciences, project funding slightly prevailed over institutional funding.
- The major provider of public R&D funding to this area was the Academy of Sciences with the share of 68% (CZK 4,626,113 thousand). The Czech Science Foundation contributed to projects of general nature (non-oriented research) with the share of 18.3% (CZK 1,247,961 thousand). Ministry of Education, Youth and Sports provided 10.3% (CZK 701,345 thousand). Funding from other providers can be found under the heading “Other” (3.3%) and includes almost all providers that provide funding for research and development from their budgets.
- The major beneficiaries of state funding for non-oriented research were public research institutions with the share of 82.8% (CZK 5,633,566 thousand). This was followed by universities which received funding from other providers than from the Ministry of Education, Youth and Sports (13.3%; CZK 905,202 thousand). These providers were especially the Academy of Sciences and the Czech Science Foundation and the support was realized through project funding.
- Prague was the most important beneficiary in the regional breakdown, with the share of 72.8% (CZK 4,953,348 thousand) of all funds allocated to SEO 11. The Jihomoravský region ranked second with 10.1% (CZK 685,595 thousand). In all other regions the proportion did not exceed 10%. The least state funding was given to non-oriented research in the Karlovarský region (0.01%) and Vysočina region (0.01%). In the case of Prague, 61.4% was allocated within institutional funding and 38.6% within project funding.

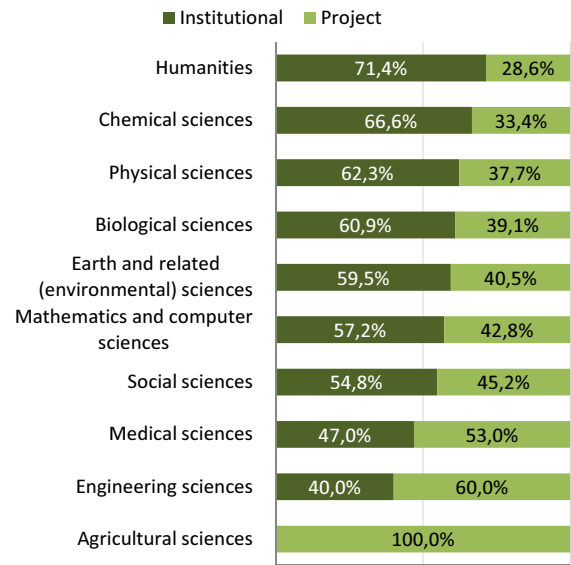
GRAPH 2.11-1: Non-oriented research (SEO 11) in mil. CZK and as % of total GBAORD; 2002–2009



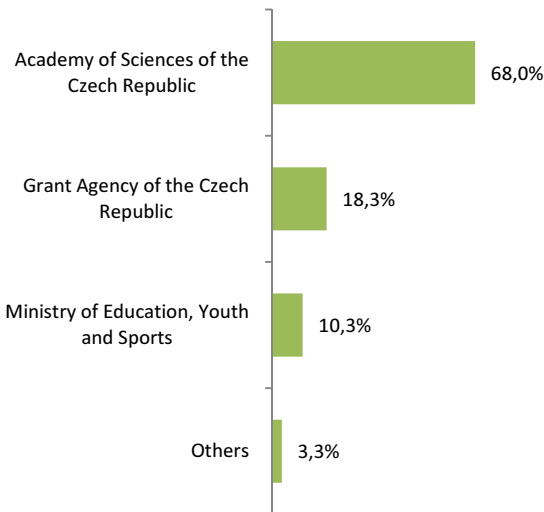
GRAPH 2.11-2: Non-oriented research (SEO 11) – objectives by NABS1992 (% and mil. CZK); 2009



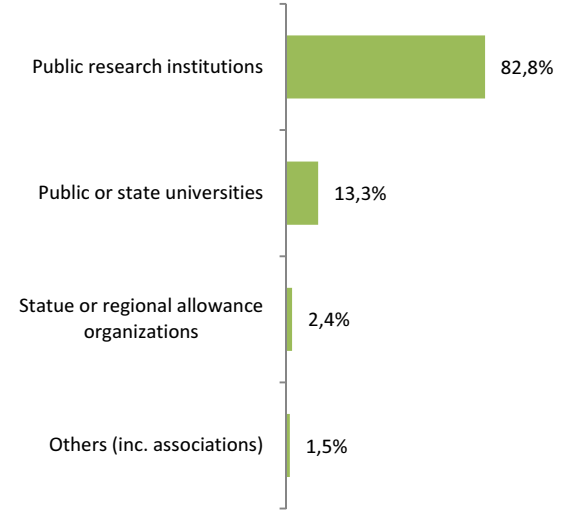
GRAPH 2.11-3: Non-oriented research (SEO 11) – structure by the type of funding; 2009



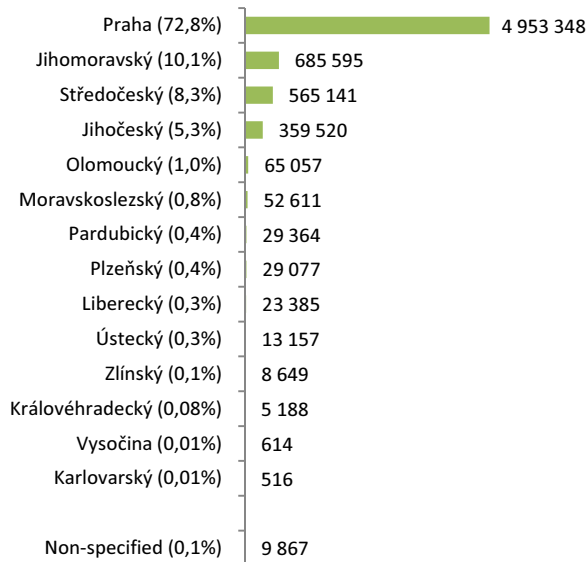
GRAPH 2.11-4: Non-oriented research (SEO 11) – by providers (%); 2009



GRAPH 2.11-5: Non-oriented research (SEO 11) – by beneficiaries (%); 2009



GRAPH 2.11-6: Non-oriented research (SEO 11) – by regions (% and mil. CZK); 2009



GRAPH 2.11-7: Non-oriented research (SEO 11) – by regions (% and mil. CZK); 2009

