

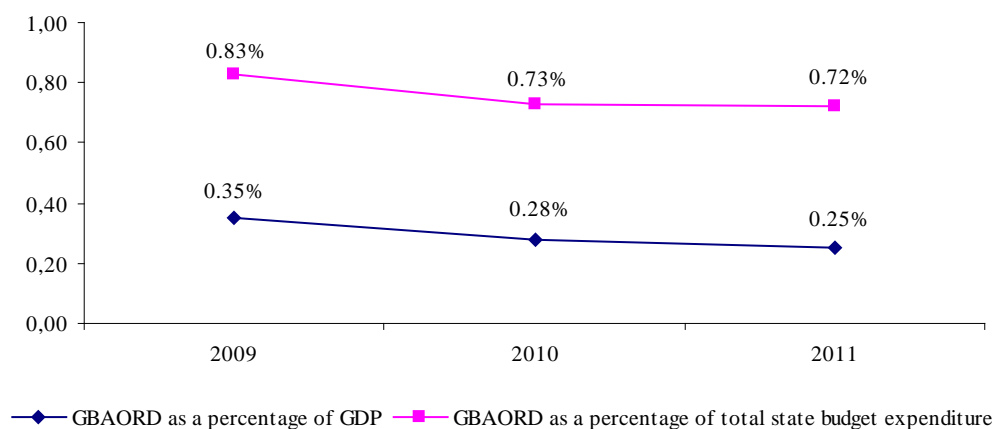


GOVERNMENT BUDGET APPROPRIATIONS OR OUTLAYS ON R&D (GBAORD), 2011

In 2011, the government budget appropriations or outlays on R&D (GBAORD) amounted to 188.6 million BGN as in comparison with the previous year the GBAORD fell by 3.3%.

The share of GBAORD of Gross Domestic Product (GDP) also decreased - from 0.28% in 2010 to 0.25% in 2011 which was about one third of the EU-27 value for this indicator (0.76% in 2010).

Figure 1. Government budget appropriations or outlays on R&D





During the period 2009 - 2011 the highest share of Government budget appropriations or outlays on R&D were directed to the socio-economic objective 'General advancement of knowledge', which mainly includes the research realized by the Bulgarian Academy of Sciences and by universities.

Table 1

GBAORD by socio-economic objectives as a percentage of total GBAORD

Socio-economic objectives	2009	2010	2011
Exploration and exploitation of the earth	1.1	7.6	6.9
Environment	1.4	4.7	3.0
Exploration and exploitation of space	0.4	0.6	1.6
Transport, telecommunication and other infrastructures	3.1	0.5	0.2
Energy	2.2	0.2	0.8
Industrial production and technology	2.8	9.2	9.7
Health	2.2	0.7	1.4
Agriculture	19.5	13.9	15.3
Education	4.8	12.1	12.0
Culture, recreation, religion and mass media	0.3	0.7	1.2
Political and social systems, structures and processes	0.8	0.6	0.5
General advancement of knowledge	60.8	46.1	45.1
Defence	0.6	3.1	2.3
Total	100.0	100.0	100.0

The second most supported government objective of research is 'Agriculture' as the major beneficiary of these appropriations was the Agricultural Academy.



Figure 2. GBAORD by socio-economic objectives in 2011

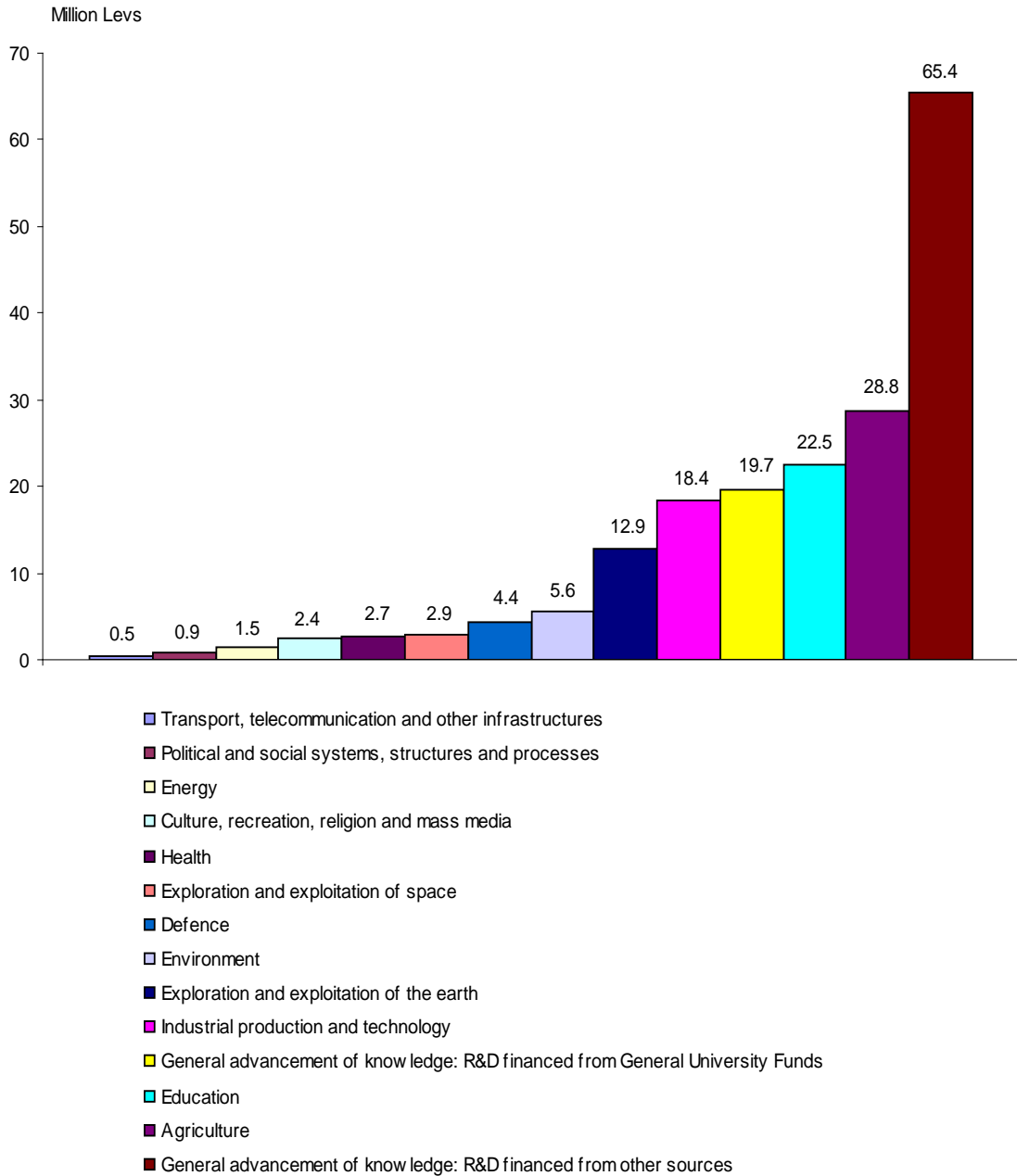
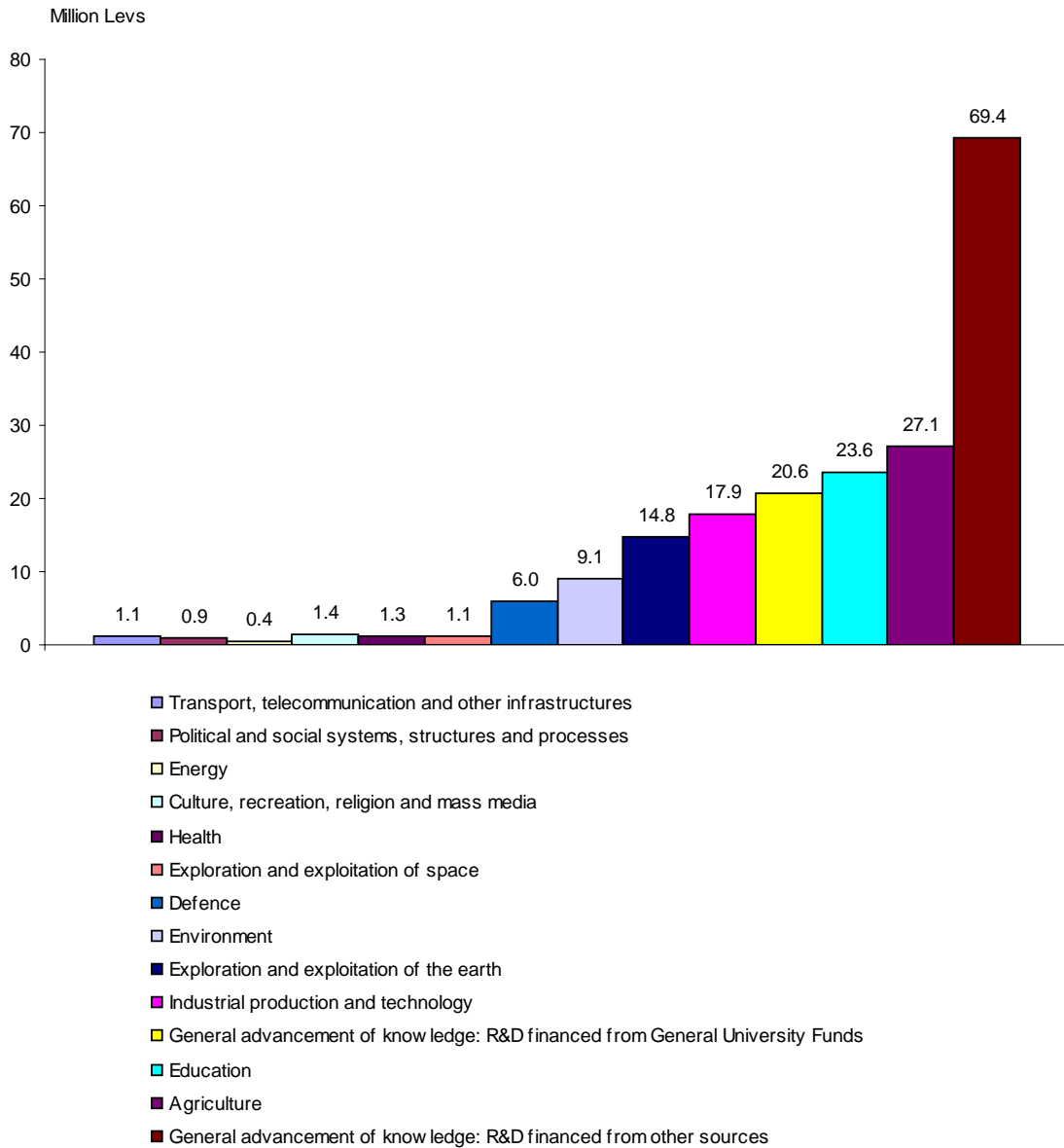




Figure 3. GBAORD by socio-economic objectives in 2010





METHODOLOGICAL NOTES

The purpose of the statistical survey on government budget appropriations or outlays on R&D (GBAORD) by socio-economic objectives is to provide internationally comparable information about the characterization of the government support for R&D activities, and the priority research areas to which appropriations for science are targeted.

The indicator 'Government budget appropriations or outlays on R&D (GBAORD)' measures the government support for R&D performed both within the country and abroad. This means that annual membership dues in the budget of international scientific organizations as well as payments from the budget related to the participation of Bulgaria in bilateral and multilateral research programmes are also treated as government budget expenditure on R&D.

The Government budget appropriations or outlays on R&D include both current costs and capital expenditure on R&D.

According to the purpose of the R&D programmes or projects GBAORD are distributed to the socio-economic objectives on the basis of the Nomenclature of analysis and comparison of scientific programmes and budgets (NABS 2007).