

## First Release

Year: LXII.

Zagreb, 22 December 2025

ZTI-2025-2-2

ISSN 1334-0557



# GOVERNMENT BUDGET ALLOCATIONS FOR R&D, 2024 – 2025

**The share of government budget allocations for R&D in GDP in 2024 amounted to 0.67%.**

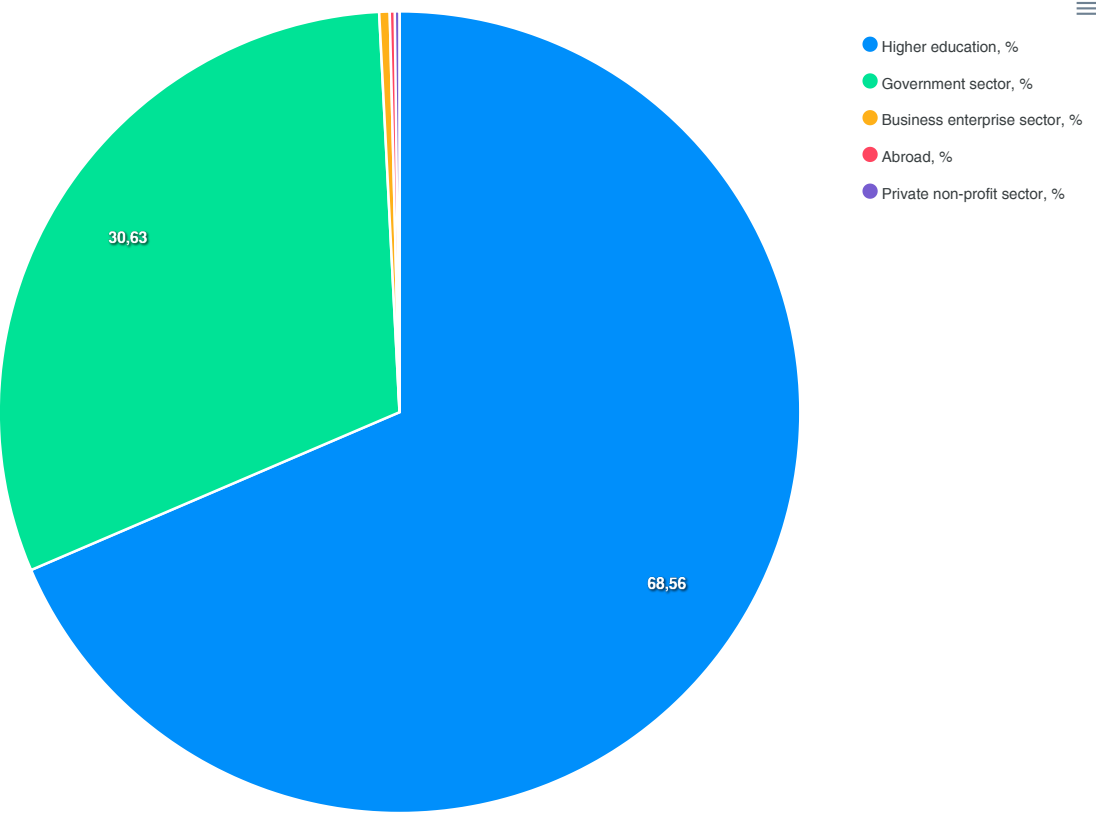
In 2024, in the Republic of Croatia, **577 million euro** of the government budget funds was spent on R&D activity.

The biggest share of the government budget funds for R&D in 2024 was allocated for the higher education sector (**68.56%**). The government sector followed with **30.63%**, while the lowest share was allocated for abroad (**0.20%**) and the private non-profit sector (**0.19%**).

Regarding the socio-economic objectives, the highest amount (53.15%) of the government budget allocations for R&D in 2024 was spent on the objective General advancement of knowledge: R&D financed from general university funds (GUF). The objective General advancement of knowledge: R&D financed from sources other than GUF followed with 32.57%, while the smallest amount was spent on the objective Exploration and exploitation of space (0.01%).

The planned government budget allocations for R&D in 2025 (according to the adopted government budget for 2025) amounted to 651 million euro, of which over half of funds (55.78%) were intended for the objective General advancement of knowledge: R&D financed from general university funds (GUF).

G-1 SHARE OF GOVERNMENT BUDGET ALLOCATIONS FOR R&D, BY SECTORS (ACTUAL PAYMENTS), 2024



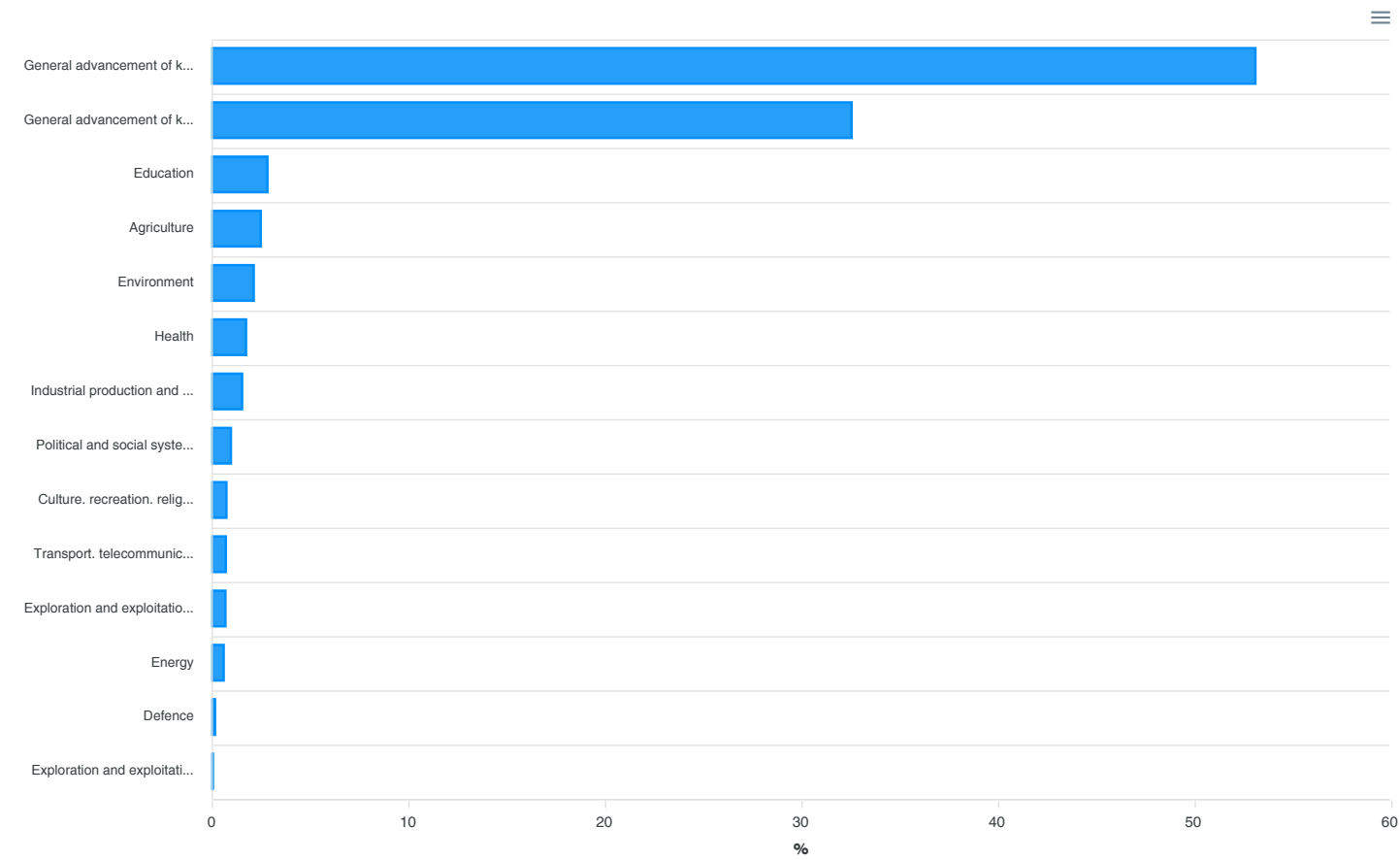
# 1 GOVERNMENT BUDGET ALLOCATIONS FOR R&D, BY SOCIO-ECONOMIC OBJECTIVES AND SECTORS (ACTUAL PAYMENTS), 2024

Euro

	Total	Business enterprise sector	Government sector	Higher education	Private non-profit sector	Abroad
Total	576 623 217 <sup>1)</sup>	2 437 542	176 636 580	395 280 754	1 098 393	1 169 948
Exploration and exploitation of the Earth	3 777 332	195 889	2 355 086	1 225 097	1 260	-
Environment	12 106 210	113 498	8 764 839	3 227 873	-	-
Exploration and exploitation of space	85 213	-	-	85 213	-	-
Transport, telecommunication and other infrastructures	3 863 263	427 999	272 153	3 163 111	-	-
Energy	3 313 086	-	-	3 313 086	-	-
Industrial production and technology	8 713 519	11 557	-	8 701 962	-	-
Health	9 881 091	148 418	7 915 929	1 816 744	-	-
Agriculture	14 187 564	-	13 264 907	922 657	-	-
Education	16 166 900	108 145	5 376 440	10 682 315	-	-
Culture, recreation, religion and mass media	4 099 503	-	3 083 763	1 015 740	-	-
Political and social systems, structures and processes	5 403 853	-	5 032 324	371 529	-	-
General advancement of knowledge: R&D financed from GUF	306 448 240	-	7 086 432	299 361 808	-	-
Natural sciences	21 732 655	-	2 730 459	19 002 196	-	-
Engineering	84 532 608	-	8 258	84 524 350	-	-
Biomedicine and health	63 006 354	-	1 957 909	61 048 445	-	-
Biotechnical sciences	22 078 487	-	478 394	21 600 093	-	-
Social sciences	67 796 182	-	980 649	66 815 533	-	-
Humanities	47 301 954	-	930 762	46 371 191	-	-
General advancement of knowledge: R&D financed from sources other than GUF	187 800 778	1 084 732	123 484 707	60 964 258	1 097 133	1 169 948
Natural sciences	51 980 226	46 543	47 694 628	4 023 574	-	215 481
Engineering	18 377 175	853 009	143 563	17 155 182	-	225 421
Biomedicine and health	47 218 956	15 576	34 037 272	12 390 479	512 135	263 493
Biotechnical sciences	12 890 281	57 358	8 367 410	4 383 985	-	81 528
Social sciences	30 964 852	99 002	17 048 096	13 599 475	-	218 280
Humanities	26 369 288	13 244	16 193 738	9 411 563	584 998	165 746
Defence	776 665	347 304	-	429 361	-	-

1) Due to the calculation of General advancement of knowledge by using the coefficients derived from the R&D survey, deviation of sums may occur.

G-2 SHARE OF GOVERNMENT BUDGET ALLOCATIONS FOR R&D, BY SOCIO-ECONOMIC OBJECTIVES IN TOTAL GOVERNMENT BUDGET ALLOCATIONS FOR R&D (ACTUAL PAYMENTS), 2024

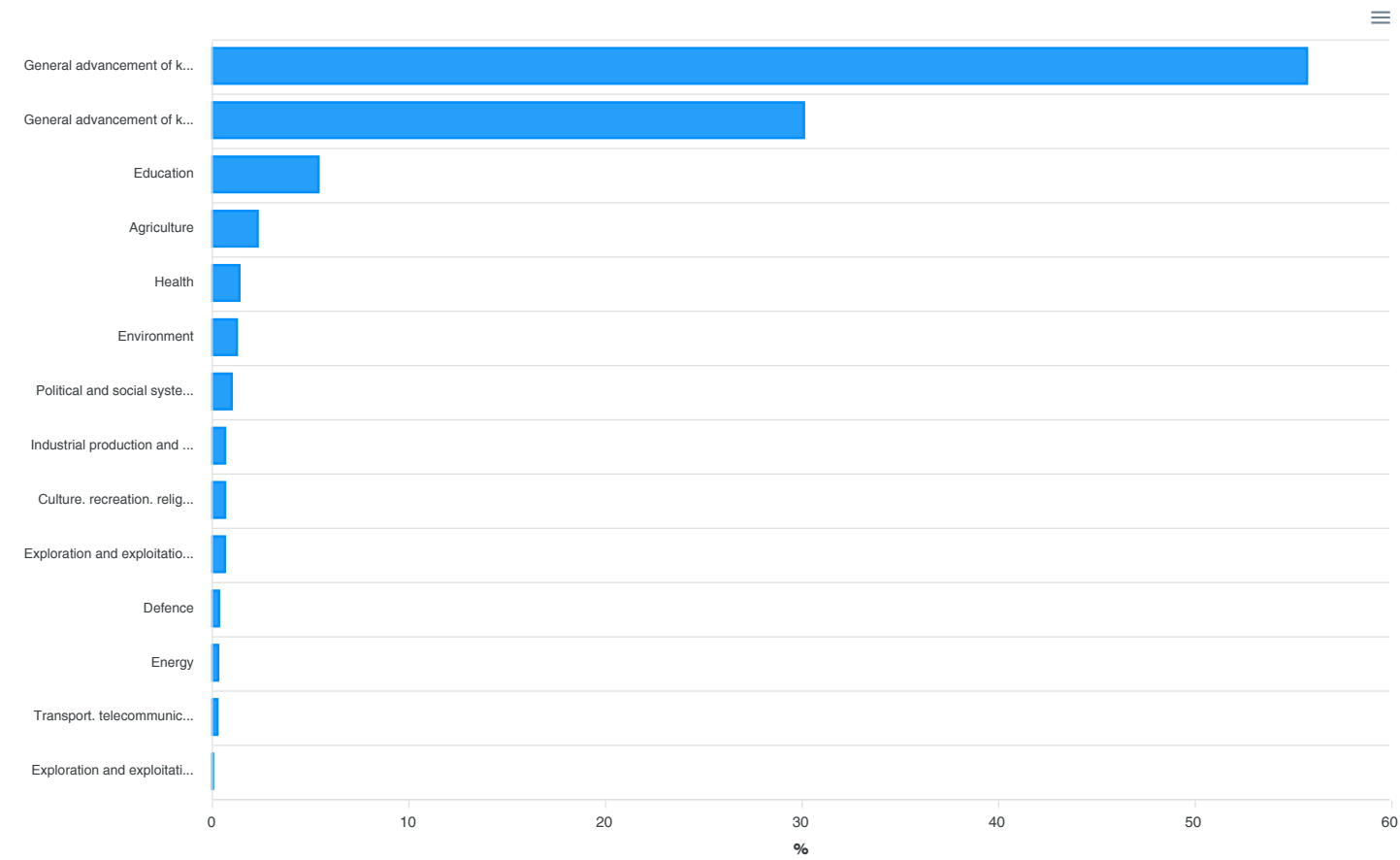


## 2 GOVERNMENT BUDGET ALLOCATIONS FOR R&D (ADOPTED BUDGET FOR 2025), BY SOCIO-ECONOMIC OBJECTIVES, 2025

Euro

	Total
Total	650 659 933
Exploration and exploitation of the Earth	4 108 580
Environment	8 104 334
Exploration and exploitation of space	41 546
Transport, telecommunication and other infrastructures	1 605 942
Energy	1 882 985
Industrial production and technology	4 159 298
Health	8 916 303
Agriculture	14 969 613
Education	35 160 321
Culture, recreation, religion and mass media	4 179 227
Political and social systems, structures and processes	6 348 749
General advancement of knowledge: R&D financed from GUF	362 955 280
General advancement of knowledge: R&D financed from sources other than GUF	196 085 005
Defence	2 142 750

G-3 SHARE OF GOVERNMENT BUDGET ALLOCATIONS FOR R&D, BY SOCIO-ECONOMIC OBJECTIVES IN TOTAL GOVERNMENT BUDGET ALLOCATIONS FOR R&D (ADOPTED BUDGET FOR 2025), 2025



### 3 SHARE OF GOVERNMENT BUDGET ALLOCATIONS FOR R&D, BY SOCIO-ECONOMIC OBJECTIVES, IN TOTAL GOVERNMENT BUDGET ALLOCATIONS FOR R&D FOR EUROPEAN UNION COUNTRIES AND THE REPUBLIC OF CROATIA, 2024

%

	Exploration and exploitation of the Earth	Environment	Exploration and exploitation of space	Transport, telecommunication and other infrastructures	Energy	Industrial production and technology	Health	Agriculture	Education	Culture, recreation, religion and mass media	Political and social systems, structures and processes	General advancement of knowledge: R&D financed from GUF	General advancement of knowledge: R&D financed from sources other than GUF	Defence
<b>EU-27<sup>1)</sup></b>	1,85	2,46	6,12	3,21	5,58	9,44	6,99	3,04	1,44	0,97	1,51	35,71	16,64	5,03
<b>Croatia</b>	1,78	2,72	0,04	0,58	0,57	3,02	5,00	1,66	4,85	0,60	1,36	59,08	18,60	0,14
Austria	1,34	1,38	0,63	2,78	3,24	15,01	5,10	2,00	0,85	0,36	0,89	52,04	14,12	0,26
Belgium	1,63	0,74	7,53	0,45	2,76	32,67	2,00	1,88	0,30	1,29	2,67	18,82	25,67	1,57
Bulgaria	10,58	0,58	1,18	4,35	0,80	4,22	2,12	19,87	0,98	1,18	1,68	12,65	39,36	0,44
Cyprus	0,07	0,19	0,00	0,18	0,04	0,01	5,54	7,59	1,67	0,35	0,07	20,34	63,93	0,02
Czech Republic	2,17	2,50	1,76	3,51	3,85	8,75	6,19	3,50	0,74	2,30	2,44	26,67	34,84	0,79
Denmark	0,72	1,36	1,64	0,13	4,36	3,92	17,75	4,44	2,84	1,61	1,88	41,77	17,19	0,37
Estonia	1,28	1,11	0,00	0,17	0,04	18,35	1,14	3,95	0,10	2,44	0,84	15,12	53,06	2,40
Finland	0,83	8,63	1,75	0,96	4,63	8,58	5,83	3,68	0,11	0,45	2,06	32,96	27,51	2,01
France	1,04	1,77	12,98	4,93	11,51	0,87	4,84	2,66	0,16	1,01	0,17	26,50	23,78	7,78
Greece	1,40	2,86	1,57	5,68	1,22	15,61	12,60	3,81	0,78	7,48	5,39	37,04	3,02	1,56
Ireland	1,32	2,18	3,20	0,58	2,56	12,66	5,80	9,69	4,43	1,03	1,10	23,77	31,69	0,00
Italy	6,68	3,26	14,46	1,49	3,32	8,27	11,89	2,02	2,87	0,89	2,91	40,17	1,18	0,58
Latvia	0,68	3,69	0,09	5,86	1,50	8,50	13,95	16,43	3,33	3,38	2,23	13,10	23,22	4,04
Lithuania	2,60	0,39	0,55	4,56	2,19	8,97	1,23	2,80	0,47	2,74	2,61	56,43	14,25	0,20
Luxembourg	0,01	1,69	13,82	1,20	0,04	21,74	16,63	0,11	0,06	0,29	2,49	27,28	14,33	0,29
Hungary	0,76	2,93	11,11	14,45	6,43	5,68	13,15	3,58	7,97	1,66	1,31	0,28	27,19	3,49
Malta	2,64	0,20	0,46	0,77	2,40	3,92	3,38	2,26	5,26	0,56	16,31	61,84	...	0,00
Netherlands	1,05	2,05	1,93	1,66	3,03	7,07	7,98	5,49	1,14	0,30	1,18	46,56	17,32	3,25
Germany	1,55	2,68	4,16	4,24	6,72	13,05	5,32	2,61	1,54	1,06	1,72	34,97	12,80	7,58
Poland	0,09	0,51	0,33	0,33	0,26	0,74	2,26	0,20	0,37	0,20	0,17	52,58	32,12	9,84
Portugal	0,92	3,92	0,69	2,83	2,35	5,07	8,62	2,22	2,49	1,45	1,42	62,07	5,71	0,25
Romania	2,17	5,02	15,31	1,28	1,64	29,82	1,12	5,07	0,08	0,05	0,27	5,52	30,13	2,50
Slovakia	2,14	3,53	1,71	1,78	1,11	7,52	8,18	1,46	2,46	3,96	1,78	42,40	19,70	2,27
Slovenia	1,76	3,56	0,30	1,45	3,25	9,78	8,43	4,86	1,16	1,45	2,53	24,99	32,45	4,01
Spain	0,94	2,88	6,02	2,51	2,39	8,92	12,10	5,76	2,45	0,52	0,98	30,86	19,60	4,04
Sweden	1,15	2,40	2,38	4,53	6,00	1,84	7,08	1,21	0,79	0,25	1,28	43,08	24,49	3,52

1) Data for EU Member States, except for Bulgaria, Cyprus, Denmark, Estonia, France, Latvia, Malta, Romania and Slovenia are provisional. Data for Ireland are estimated.  
Data source: Eurostat (website [https://ec.europa.eu/eurostat/databrowser/view/gba\\_nabsfin07/default/table?lang=en](https://ec.europa.eu/eurostat/databrowser/view/gba_nabsfin07/default/table?lang=en))

# NOTES ON METHODOLOGY

## Purpose of the survey

This survey collects data on the government budget allocations for R&D according to the socio-economic objectives, including all grants to the international R&D programmes or institutions abroad. The objective of the survey is to enable the monitoring of the state R&D policy through its financing of the R&D activities. As opposed to the research on organisations engaged in the R&D activities, this survey focuses on organisations that finance the R&D activity.

The survey was conducted on the basis of the Official Statistics Act (NN, Nos. 25/20, 155/23 and 124/25 – corr.). The legal basis of the European Union for the implementation of the survey is Decision No. 1608/2003/EC of the European Parliament and of the Council of 22 July 2003 concerning the production and development of Community statistics on science and technology and Commission Implementing Regulation (EU) No. 995/2012 of 26 October 2012 laying down detailed rules for the implementation of Decision No. 1608/2003/EC.

## Data sources

Data are the result of statistical processing of annual reports collected from budgetary and extra-budgetary users of the government budget in 2025. The Ministry of Science, Education and Youth provided data in the Annual Report on the Government Budget Allocations for R&D – PIIR-1 form, while other government bodies provided data in the Annual Report on the Government Budget Allocations for R&D – PIIR-2 form.

Pursuant to the Official Statistics Act (NN, Nos. 25/20, 155/23 and 124/25 – corr.), the confidentiality of all data provided by the reporting units in the form is guaranteed. The data collected are used solely for statistical purposes and are published in aggregate form.

## Coverage and comparability

The statistical survey on the government budget allocations for R&D in the period from 2024 to 2025 covers budgetary and extra-budgetary users of the government budget in the Republic of Croatia, that is, all government bodies that in 2024 financed and in 2025 planned to finance the R&D activity. The data are based on the actual government budget allocations for 2024 (amounts effectively paid during the year) and the adopted government budget for 2025 (amounts enacted by the Croatian Parliament before the rebalancing of the budget).

The First Release includes data on funds that the Ministry of Science, Education and Youth directly allocated for the R&D purposes in 2024 from the government budget of the Republic of Croatia activity in the Ministry's competence as well as data submitted to the Ministry by reporting units. The First Release includes data related to institutions from the system of science and higher education (institutions of higher education and public scientific institutes).

Since October 2013, the Ministry of Science, Education and Youth has no longer funded the scientific/research projects (z-projects). The financing of research projects is carried out by the Croatian Science Foundation through its programme Research Project and other programmes such as Installation Research Projects.

The data published in this First Release are comparable with data for previous years, including data for 2009 and 2010.

The methodological basis for the implementation of the survey is the internationally acknowledged standard, which was set up and published in the Frascati Manual 2015 by the OECD.

## Definitions and explanations

Definitions of the R&D field are based on the international methodology – the Frascati Manual 2015 (Frascati Manual, 2015: Guidelines for Collecting and Reporting Data on Research and Experimental Development, the Measurement of Scientific, Technological and Innovation Activities, publisher: OECD, Paris, 2015).

The Nomenclature for the Analysis and Comparison of Scientific Programmes and Budgets – NABS 2007 was used in monitoring of the allocation of the Government Budget appropriations or outlays according to the socio-economic objectives, which is correlated with the Frascati Manual. This Nomenclature explains the socio-economic objectives, that is, the purpose of the spent appropriations or outlays for the R&D in 13 categories.



**Research and development (R&D)** comprise systematic creative work aimed at increasing knowledge about man, culture and society and its application in practice. For an activity to be an R&D activity, it must satisfy five criteria. The activity must be novel, creative, uncertain, systematic and transferable and/or reproducible. There are three types of research and development: basic research, applied research and experimental development.

**Business enterprise sector** comprises enterprises the main activity of which is production of goods and services intended for market at commercial price. The business enterprise sector includes public enterprises as well as non-profit institutions that are market producers of goods or services.

**Government sector** comprises all units of central and local government, including social security funds, except institutions of higher education, as well as all non-profit institutions that are controlled by government units and are not market-orientated, and that are not part of the higher education sector.

**Private non-profit sector** comprises non-market, non-profit institutions serving households (that is, the general public), except those mainly controlled and financed by the government, their main characteristic being that they should not be the source of revenue or profit to the institutions controlling them.

**Higher education** includes all institutions providing formal tertiary education programmes, regardless of their source of finance or legal status, and all research institutes and centres that have their R&D activities under the direct control of, or administered by, tertiary education institutions.

**Abroad** includes all institutions and individuals located outside the political borders of a country as well as all international organisations (except business enterprises) including facilities and operations within the country borders.

**Socio-economic** objective represents the basic allocation of funds for R&D set up by the OECD and expressed in 13 categories.

## Abbreviations

EC	European Community
EU	European Union
Eurostat	Statistical Office of the European Union
GDP	gross domestic product
GUF	general university funds
NN	Narodne novine, official gazette of the Republic of Croatia
OECD	Organisation for Economic Co-operation and Development
R&D	research and development

## Symbols

-	no occurrence
...	data not available
0,00	value not zero but less than 0.005 of the unit of measure used

**Published by the Croatian Bureau of Statistics, Zagreb, Ilica 3, P. O. B. 80**

Phone: (+385 1) 48 06 111

Press corner: [press@dzs.hr](mailto:press@dzs.hr)

Persons responsible:

Milenka Primorac Čačić, Director of Business Statistics Directorate

Lidija Brković, Director General

Prepared by:

Matija Škegro Vdović, Vjera Duić and Blanka Munjin

**USERS ARE KINDLY REQUESTED TO STATE THE SOURCE.**

Customer Relations and Data Protection Department

Information and user requests

Phone: (+385 1) 48 06 138, 48 06 154, 48 06 115

E-mail: [stat.info@dzs.hr](mailto:stat.info@dzs.hr)

Subscription

Phone: (+385 1) 21 00 445

E-mail: [prodaja@dzs.hr](mailto:prodaja@dzs.hr)