

Summary of the applications of 2023 call of national research grants

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In 2023 call of applications (PUT2024 – projects starting 2024) 335 applications were submitted, **329** are now under review and 6 were rejected.

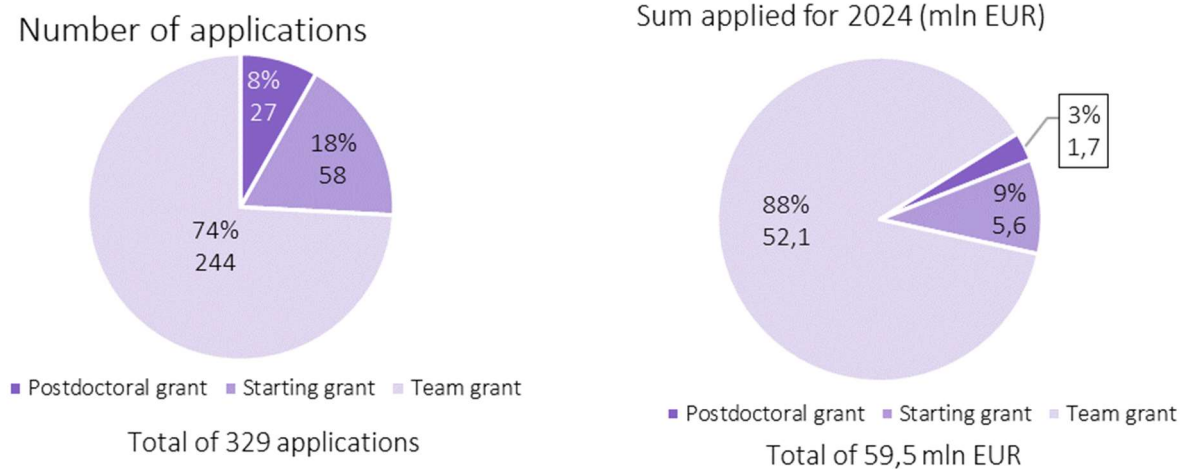


Figure 1. Number of applications and applied sum by the grant type

The applicants of the starting and team grants have the right to request either fixed grant amount or a smaller amount than the fixed grant amount. In this call of applications 73% of the applicants requested fixed grant amount. Half of those who requested a smaller amount, requested only up to 1000 euros smaller grant amount, and the other half 1001-60 000 euros smaller amount than the fixed grant amount.

Table 1. Number of applications by the groups of grant sum

Group of grant sum	Maximum possible sum (EUR)	Number of applications
Postdoctoral grant	72 000	27
Starting grant I	72 000	6
Starting grant II	76 000	21
Starting grant III	110 000	3
Starting grant IV	117 000	28
Team grant I	177 200	30
Team grant II	192 400	126
Team grant III	249 750	30
Team grant IV	270 000	58

Postdoctoral grant can be applied for up to 3 years, starting and team grant for up to 5 years.

Table 2. Number of applications by the planned project period

Grant type	1 year	Up to 2 years	Up to 3 years	4 years	5 years
Postdoctoral grant	4	16	7		
Starting grant		1	1	5	51
Team grant		1	5	12	226

62% of the applicants are planning basic research, 38% applied research.

Table 3. Number of applications for basic and applied research

Grant type	Basic research	Applied research
Postdoctoral grant	18	9
Starting grant	35	23
Team grant	152	92
Total	205	124
Proportion	62%	38%

Applications are being evaluated by 18 expert panels consisting of international experts. All postdoctoral applications are evaluated in one expert panel consisting of Estonian experts.

Table 4. Number of applications by the expert panels

Expert Panel	Starting grant	Team grant	Total
LO1-1 Mathematics, Computer Science, and Informatics Expert Panel	3	12	15
LO1-2 Physics Expert Panel	5	18	23
LO1-3 Chemistry Expert Panel	3	15	18
LO2-1 Earth, Water, and Related Environmental Sciences Expert Panel	4	13	17
LO2-2 Cell and Molecular Biology Expert Panel	4	17	21
LO2-3 Ecology and Evolutionary Biology Expert Panel	3	11	14
TE1 Civil and Mechanical Engineering Expert Panel	1	12	13
TE2 Electrical, Electronic, and Information Engineering Expert Panel	5	8	13
TE3 Materials Engineering and Nanotechnology Expert Panel	1	9	10
TE4 Chemical and Environmental Engineering and Biotechnology Expert Panel	2	15	17
AR Medical and Health Sciences Expert Panel	9	22	31
PÕ1 Agricultural Sciences Expert Panel	1	13	14
PÕ2 Veterinary and Animal Husbandry Sciences Expert Panel		4	4
SO Social Sciences Expert Panel	10	28	38
HU1 History, Archaeology, Ethnology, Folkloristics, and Anthropology Expert Panel	4	12	16
HU2 Linguistics and Literary Studies Expert Panel	2	18	20
HU3 Philosophy, Religious Studies, and Classical Philology Expert Panel	1	10	11
HU4 Arts, Cultural Studies, and Semiotics Expert Panel		7	7
PUTJD Postdoctoral Expert Panel			27

All the applicants could select one or more fields of research by Frascati Manual to their application and mark the proportion of each field. In the table below are the numbers of applications by counting these proportions.

Table 5. Number of applications by counting the proportions of the fields of research

Category	Frascati Manual fields of research	Number of applications
Exact Sciences	1.1 Mathematics	4,4
	1.2 Computer and Information Sciences	15,3
	1.3 Physical Sciences	24,2
	1.4 Chemical Sciences	19,6
Exact Sciences total		63,4
Biosciences and Environment	1.5 Earth and Related Environmental Sciences	17,3
	1.6 Biological Sciences	44,8
Biosciences and Environment total		62,1
Engineering and Technology	2.1 Civil Engineering	7,3
	2.2 Electrical Engineering, Electronic Engineering, Information Engineering	14,2
	2.3 Mechanical Engineering	2,0
	2.4 Chemical Engineering	7,7
	2.5 Materials Engineering	9,6
	2.6 Medical Engineering	1,7
	2.7 Environmental Engineering	2,1
	2.8 Environmental Biotechnology	1,1
	2.9 Industrial Biotechnology	1,4
	2.10 Nano-Technology	3,8
	2.11 Other Engineering and Technologies	3,3
Engineering and Technology total		54,2
Medical and Health Sciences	3.1 Basic Medicine	16,2
	3.2 Clinical Medicine	9,9
	3.3 Health Sciences	6,6
	3.4 Medical Biotechnology	2,1
Medical and Health Sciences total		34,8
Agricultural and Veterinary Sciences	4.1 Agriculture, Forestry, and Fisheries	9,2
	4.2 Animal and Dairy Science	2,6
	4.3 Veterinary Medicine	2,2
	4.4 Agricultural Biotechnology	1,3
	4.5 Other Agricultural Sciences	0,8
Agricultural and Veterinary Sciences total		16,0
Social Sciences	5.1 Psychology and Cognitive Sciences	5,4
	5.2 Economics and Business	7,0
	5.3 Education	5,0
	5.4 Sociology	4,6
	5.5 Law	1,8
	5.6 Political Science	4,1
	5.7 Social and Economic Geography	4,5
	5.8 Media and Communications	1,7
	5.9 Other Social Sciences	4,7
Social Sciences total		38,7
Humanities and the Arts	6.1 History and Archaeology	13,3
	6.2 Languages and Literature	21,1
	6.3 Philosophy, Ethics and Religion	9,6
	6.4 Arts (Arts, History of Arts, Performing Arts, Music)	6,1
	6.5 Other Humanities	10,0
Humanities and the Arts total		60,0

After evaluation, postdoctoral applications compete for grants in one ranking, starting and team grant applications in separate rankings of 6+1 research fields (OECD Frascati Manual's 6 categories of which natural sciences is divided into two categories: exact sciences and biosciences and environment).

Table 6. Number of starting and team grant applications and sum applied for 2024 by field of research

Frascati Manual category	Starting grant		Team grant	
	Number of applications	Applied sum (EUR)	Number of applications	Applied sum (EUR)
Natural Sciences:	22	2 228 270	86	18 917 395
<i>incl Exact Sciences</i>	11	1 065 026	45	9 911 938
<i>incl Biosciences and Environment</i>	11	1 163 244	41	9 005 457
Engineering and Technology	9	839 404	44	9 194 447
Medical and Health Sciences	9	843 961	22	4 895 103
Agricultural and Veterinary Sciences	1	117 000	17	3 517 834
Social Sciences	10	937 431	28	6 140 016
Humanities and the Arts	7	639 254	47	9 485 119
Total	58	5 605 320	244	52 149 914

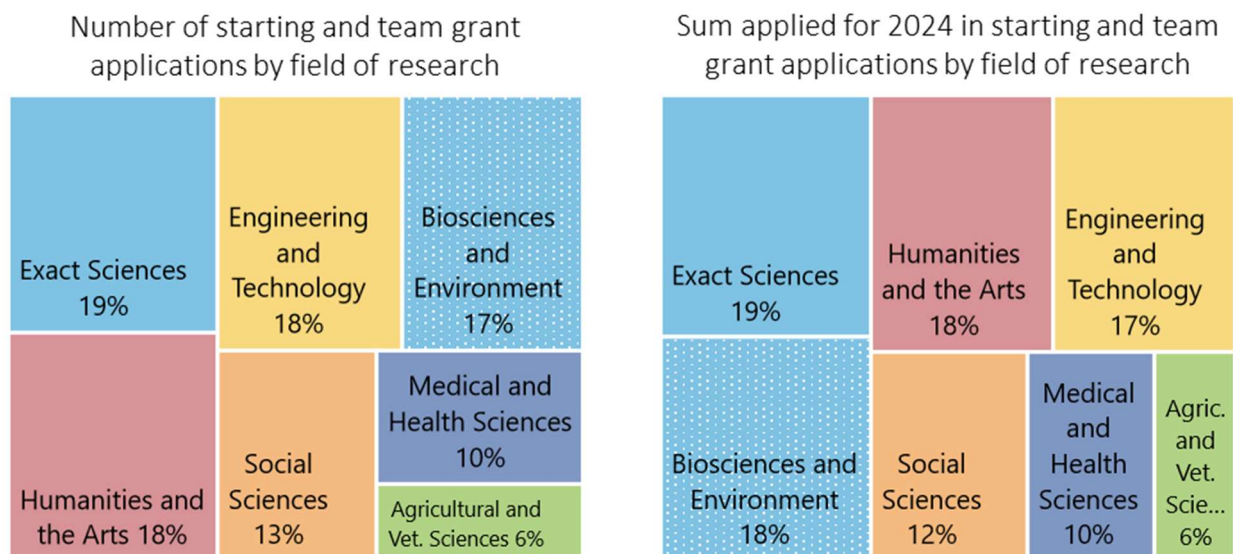


Figure 2. Number of starting and team grant applications and sum applied for 2024 by field of research

Through all the calls, five R&D institutions from where the most applications were submitted, are the same.

Table 7. Number of applications and sum applied for 2024 by applicants` R&D institutions

R&D institution	Postdoctoral grant		Starting grant		Team grant		All grant types	
	Number of application	Applied sum (EUR)	Number of application	Applied sum (EUR)	Number of application	Applied sum (EUR)	Number of application	Applied sum (EUR)
University of Tartu	7	450 000	33	3 217 485	126	26 934 949	166	30 602 434
Tallinn University of Technology	10	594 000	10	1 005 746	45	9 315 068	65	10 914 814
Estonian University of Life Sciences	3	180 000	4	377 404	32	6 794 923	39	7 352 327
Tallinn University	3	204 000	4	377 255	21	4 920 478	28	5 501 733
National Institute of Chemical Physics and Biophysics	2	144 000	1	117 000	7	1 657 200	10	1 918 200
Estonian Literary Museum			1	116 999	3	683 221	4	800 220
Estonian Academy of Music and Theatre					3	546 800	3	546 800
Estonian Business School			2	169 431	2	351 000	4	520 431
Institute of the Estonian Language					2	369 075	2	369 075
Estonian Academy of Arts	1	72 000	1	76 000	1	192 400	3	340 400
The Centre of Estonian Rural Research and Knowledge			1	72 000	1	192 400	2	264 400
Cybernetica AS					1	192 400	1	192 400
National Institute for Health Development			1	76 000			1	76 000
Under and Tuglas Literature Centre of the Estonian Academy of Sciences	1	72 000					1	72 000
Total	27	1 716 000	58	5 605 320	244	52 149 914	329	59 471 234

36% of all the applicants (Principal Investigators) are female and 64% male.

Table 8. Number and proportion of applications by grant type, field of research and gender

Frascati Manual Category	Male/ Female	Postdoctoral grant	Starting grant	Team grant	All grant types	Proportion in field of research
Postdoctoral grant	Male	17				
	Female	10				
Exact Sciences	Male		5	39	44	79%
	Female		6	6	12	21%
Biosciences and Environment sciences	Male		2	35	37	71%
	Female		9	6	15	29%
Engineering and Technology	Male		7	36	43	81%
	Female		2	8	10	19%
Medical and Health Sciences	Male		6	13	19	61%
	Female		3	9	12	39%
Agricultural and Veterinary Sciences	Male		1	8	9	50%
	Female			9	9	50%
Social Sciences	Male		8	12	20	53%
	Female		2	16	18	47%
Humanities and the Arts	Male			22	22	41%
	Female		7	25	32	59%
All fields of research	Male	17	29	165	211	64%
	Female	10	29	79	118	36%
Proportion in grant type	Male	63%	50%	68%		
	Female	37%	50%	32%		

Table 9. Number of postdoctoral applications by destination country

Destination country	Number of applications
Spain	5
Italy	4
Sweden	4
Germany	4
The United States of America	2
Belgium	2
Finland	2
Austria	1
Latvia	1
Portugal	1
UK	1