

## Statistics 2012 – Full version

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## 2012 - Research funding in figures

In 2012, the Swiss National Science Foundation (SNSF) granted funding to the total value of CHF 755 million, 5.9% more than in 2011 (CHF 713 million). This financing was used to support over 3,500 research projects.

The statistics include all applications processed and approved during the financial year as well as contributions paid out in the area of National Centres of Competence in Research in 2012. Additional grants are not treated as separate applications but are included in the approved amounts. The gender statistics refer to the share of responsible applicants.

The data in the statistical part of the annual report are not comparable with the figures in the annual statement.

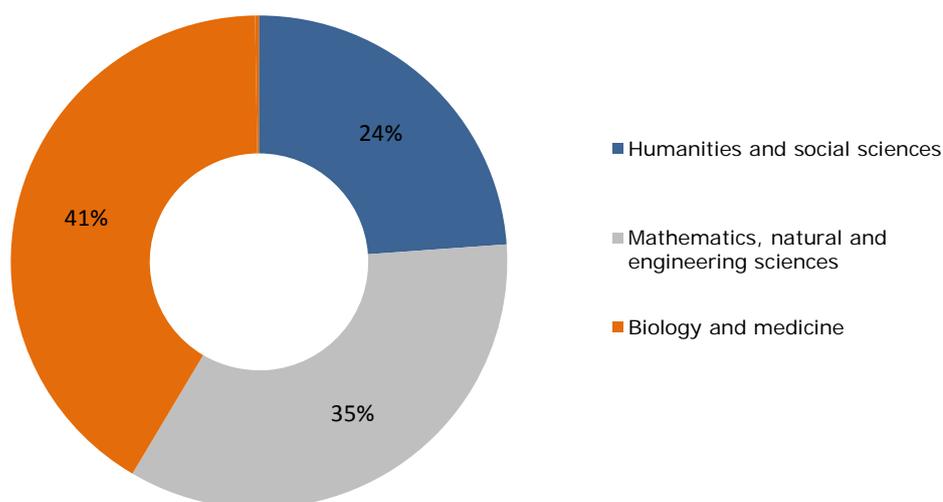
Full version of the statistics: [www.snsf.ch](http://www.snsf.ch) > About us > Facts & figures > Statistics

### 1. Funding in overview

#### 1.1 Funding by research area

Amounts in CHF million

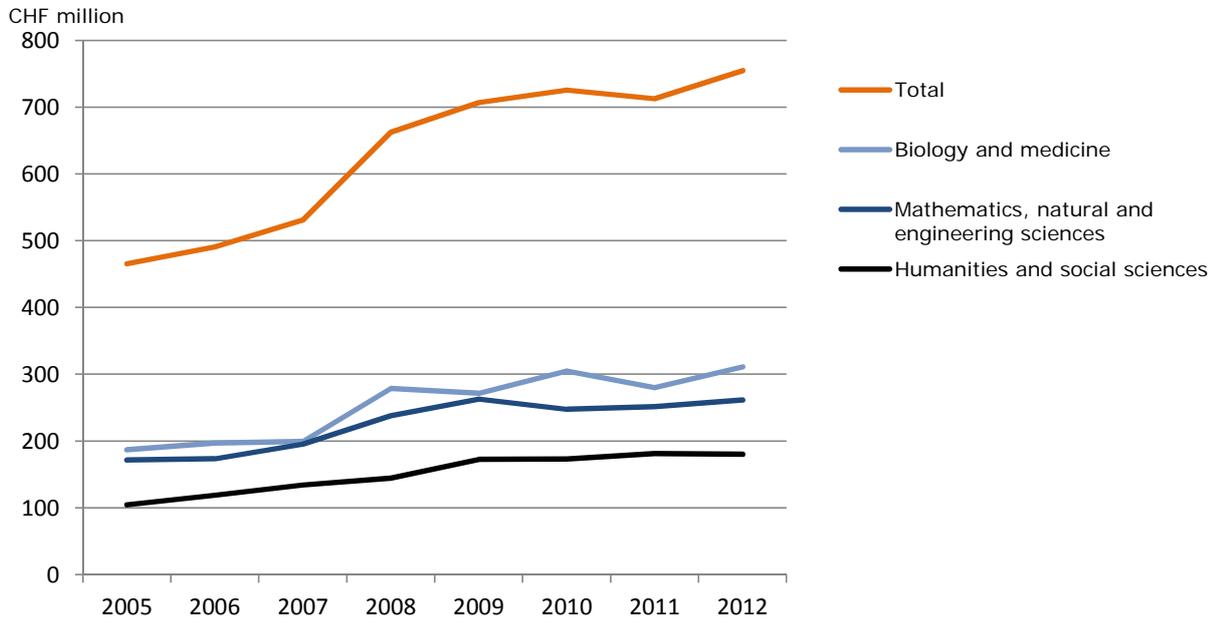
##### Distribution of the approved amounts



	Amount	Women	Men
Humanities and social sciences	180.3	29%	71%
Mathematics, natural and engineering sciences	261.7	14%	86%
Biology and medicine	311.3	22%	78%
Unapportionable	1.9		
<b>Total</b>	<b>755.2</b>	<b>21%</b>	<b>79%</b>

The allocation to the research areas has changed only slightly year-on-year. The share of biology and medicine has risen by 2%.

## Approved amounts since 2005

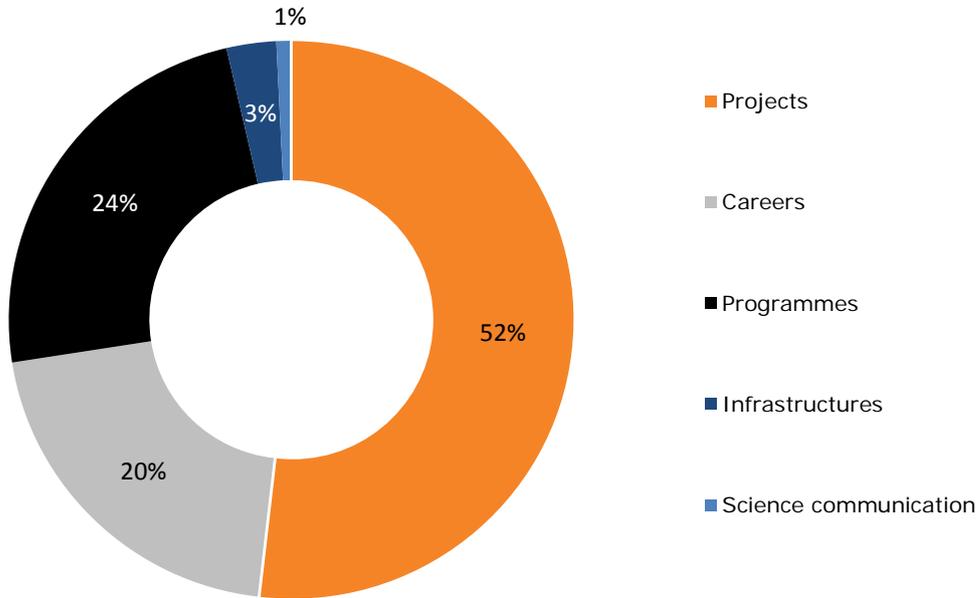


The distribution of funds across the three research areas is based largely on demand.

## 1.2 Funding by scheme

Amounts in CHF millions

### Distribution of the approved amounts



	Number	Amount
Projects	1,206	391.4
Careers	1,219	156.4
Programmes	600	180.0
Infrastructures	80	21.6
Science communication	395	5.8
<b>Total</b>	<b>3,500</b>	<b>755.2</b>

In 2012, the SNSF allocated more than half of its funds to its main funding scheme, project funding. The amount of funding for science communication increased by 39% to CHF 5.8 million year-on-year due to the introduction of Agora.

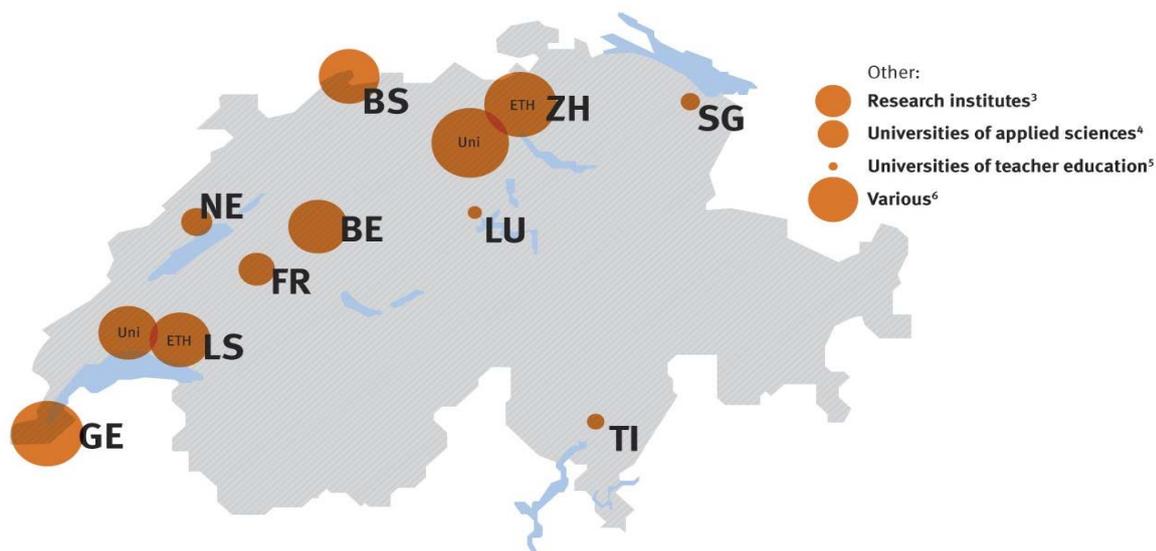
**Funding by scheme in percent**

	Percent	Approved amount	
		Women	Men
Projects	52%	15%	85%
Careers	20%	38%	62%
Programmes	24%	20%	80%
Infrastructures	3%	3%	97%
Science communication	1%	30%	70%
<b>Total</b>	<b>100%</b>	<b>21%</b>	<b>79%</b>

### 1.3 Funding by institution and research area

Amounts in CHF million

Distribution of the approved amounts (incl. overhead)<sup>1</sup>



Institution	Humanities and social sciences	Mathem., natural and engineering sciences	Biology and medicine	Unassignable	Total in CHF million	Total in %	Overhead <sup>2</sup>	Total incl. overhead
<b>Universities</b>	<b>143.1</b>	<b>109.4</b>	<b>235.3</b>		<b>487.8</b>	<b>64.6%</b>	<b>55.2</b>	<b>543.0</b>
Berne (BE)	21.2	14.4	30.5		66.1	8.8%	11.0	77.1
Basel (BS)	16.9	19.8	34.0		70.7	9.4%	8.4	79.1
Fribourg (FR)	10.8	7.6	6.8		25.2	3.3%	3.1	28.3
Geneva (GE)	22.5	36.6	45.8		104.9	13.9%	8.3	113.2
Lucerne (LU)	3.6	-	-		3.6	0.5%	0.6	4.2
Lausanne (LS)	16.5	7.4	45.7		69.6	9.2%	6.8	76.4
Neuchâtel (NE)	8.1	5.1	5.7		18.9	2.5%	1.7	20.6
St. Gallen (SG)	7.1	0.0	-		7.1	0.9%	0.7	7.8
Ticino (TI)	2.4	2.6	0.5		5.5	0.7%	1.0	6.5
Zurich (ZH)	34.0	15.9	66.3		116.2	15.4%	13.6	129.8
<b>ETH Domain</b>	<b>11.2</b>	<b>135.7</b>	<b>50.0</b>		<b>196.9</b>	<b>26.0%</b>	<b>22.8</b>	<b>219.7</b>
EPF Lausanne (LS)	2.1	52.7	16.4		71.2	9.4%	8.5	79.7
ETH Zurich (ZH)	7.8	65.9	27.6		101.3	13.4%	11.3	112.6
Research institutes <sup>3</sup>	1.3	17.1	6.0		24.4	3.2%	3.0	27.4
<b>Universities of applied sciences</b>	<b>10.9</b>	<b>3.9</b>	<b>2.7</b>		<b>17.5</b>	<b>2.4%</b>	<b>2.8</b>	<b>20.3</b>
Zürcher Fachhochschule (ZFH)	4.3	0.2	0.6		5.1	0.7%	0.3	5.4
Bern University of Applied Sciences (BFH)	2.1	1.8	0.6		4.5	0.6%	0.7	5.2
University of Applied Sciences and Arts Northwestern Switzerland (FHNW)	1.6	1.2	1.5		4.3	0.6%	0.8	5.1
University of Applied Sciences Eastern Switzerland (FHO)	0.2	-	-		0.2	0.0%	0.0	0.2
University of Applied Sciences Western Switzerland (HES-SO)	2.5	0.3	0.0		2.8	0.4%	0.7	3.5
Lucerne University of Applied Sciences and Arts (HSLU)	0.2	-	-		0.2	0.0%	0.1	0.3
University of Applied Sciences and Arts of Southern Switzerland (SUPSI)	-	0.4	-		0.4	0.1%	0.2	0.6
Kalaidos University of Applied Sciences Switzerland	-	-	-		0.0	0.0%	-	-
<b>Universities of teacher education</b>	<b>1.2</b>	<b>-</b>	<b>-</b>		<b>1.2</b>	<b>0.2%</b>	<b>0.3</b>	<b>1.5</b>
<b>Various<sup>5</sup></b>	<b>13.9</b>	<b>12.7</b>	<b>23.3</b>	<b>1.9</b>	<b>51.8</b>	<b>6.9%</b>	<b>1.9</b>	<b>53.7</b>
<b>Total</b>	<b>180.3</b>	<b>261.7</b>	<b>311.3</b>	<b>1.9</b>	<b>755.2</b>	<b>100.0%</b>	<b>83.0</b>	<b>838.2</b>

<sup>1</sup> If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>2</sup> Entitlement to overhead in accordance with overhead regulations

<sup>3</sup> Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

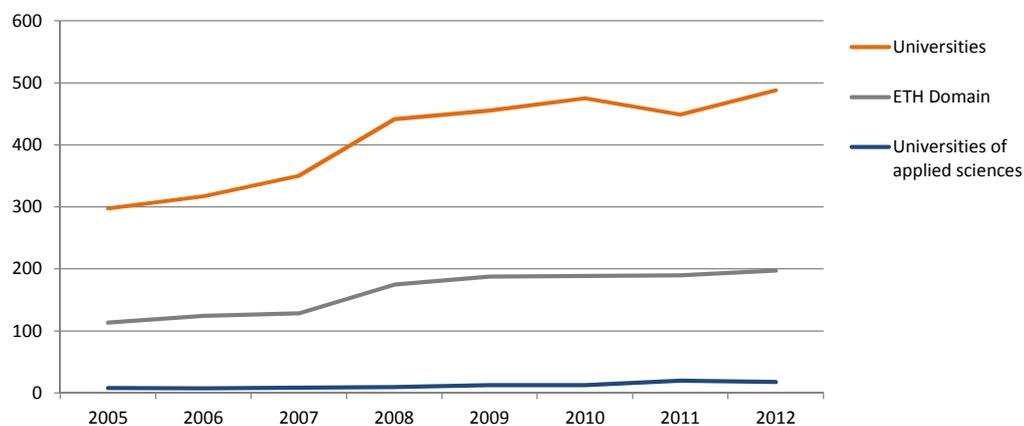
<sup>4</sup> Without universities of teacher education of FHNW and ZFH

<sup>5</sup> Research centres, museums, libraries, individuals, companies, non-profit organisations and not assignable to an institution (e.g. advanced fellowships)

### 1.3.1 Funding by institution since 2005

Amounts in CHF million

Distribution of the approved amounts (incl. overhead)<sup>1</sup>



	2005	2006	2007	2008	2009	2010	2011	2012
<b>Universities</b>	<b>297.3</b>	<b>317.0</b>	<b>349.8</b>	<b>440.9</b>	<b>454.8</b>	<b>475.1</b>	<b>448.9</b>	<b>487.8</b>
Berne (BE)	44.6	45.3	54.3	70.9	66.3	67.9	87.5	66.1
Basel (BS)	48.4	53.3	59.2	64.2	83.1	70.7	65.9	70.7
Fribourg (FR)	17.3	16.0	20.2	21.3	25.8	31.1	24.0	25.2
Geneva (GE)	59.1	59.8	67.7	84.5	94.0	98.5	78.8	104.9
Lucerne (LU)	0.4	3.7	2.5	1.3	4.3	3.8	4.6	3.6
Lausanne (LS)	43.8	38.6	39.1	74.7	54.5	68.5	56.0	69.6
Neuchâtel (NE)	21.0	20.1	21.1	18.4	18.4	12.0	12.7	18.9
St. Gallen (SG)	5.2	2.9	4.0	4.3	5.5	4.5	6.1	7.1
Ticino (TI)	2.8	4.3	5.2	5.2	5.7	9.0	8.0	5.5
Zurich (ZH)	54.7	73.0	76.5	96.1	97.2	109.1	105.3	116.2
<b>ETH Domain</b>	<b>113.3</b>	<b>124.2</b>	<b>128.3</b>	<b>174.6</b>	<b>187.2</b>	<b>188.3</b>	<b>189.5</b>	<b>196.9</b>
EPF Lausanne (LS)	36.9	47.7	48.9	73.9	64.1	71.2	72.2	71.2
ETH Zurich (ZH)	65.5	69.6	69.7	82.9	98.8	94.0	93.3	101.3
Research institutes <sup>2</sup>	10.9	6.9	9.7	17.8	24.3	23.1	24.0	24.4
<b>Universities of applied sciences</b>	<b>7.6</b>	<b>7.2</b>	<b>8.1</b>	<b>9.0</b>	<b>12.4</b>	<b>12.2</b>	<b>19.4</b>	<b>17.5</b>
Zürcher Fachhochschule (ZFH)	1.6	2.0	0.9	2.9	3.0	2.9	2.8	5.1
Bern University of Applied Sciences (BFH)	0.9	0.4	0.4	0.7	3.4	1.4	4.3	4.5
University of Applied Sciences and Arts Northwestern Switzerland (FHNW)	1.9	1.2	2.8	1.9	2.3	3.6	5.0	4.3
University of Applied Sciences Eastern Switzerland (FHO)	0.3	0.0	0.5	0.0	0.4	0.5	0.1	0.2
University of Applied Sciences Western Switzerland (HES-SO)	1.7	2.2	0.4	1.2	1.5	2.7	5.0	2.8
Lucerne University of Applied Sciences and Arts (HSLU)	0.9	0.5	1.9	1.8	1.3	0.1	0.9	0.2
University of Applied Sciences and Arts of Southern Switzerland (SUPSI)	0.3	0.9	1.0	0.5	0.5	0.7	1.3	0.4
Kaiaidos University of Applied Sciences Switzerland	-	-	0.2	0.0	0.0	0.3	0.0	0.0
<b>Universities of teacher education<sup>3</sup></b>	<b>0.0</b>	<b>0.6</b>	<b>0.8</b>	<b>1.3</b>	<b>1.2</b>	<b>1.3</b>	<b>2.1</b>	<b>1.2</b>
<b>Various<sup>4</sup></b>	<b>47.7</b>	<b>42.0</b>	<b>44.3</b>	<b>37.0</b>	<b>51.5</b>	<b>49.1</b>	<b>53.0</b>	<b>51.8</b>
<b>Total</b>	<b>465.9</b>	<b>491.0</b>	<b>531.3</b>	<b>662.8</b>	<b>707.1</b>	<b>726.0</b>	<b>712.9</b>	<b>755.2</b>

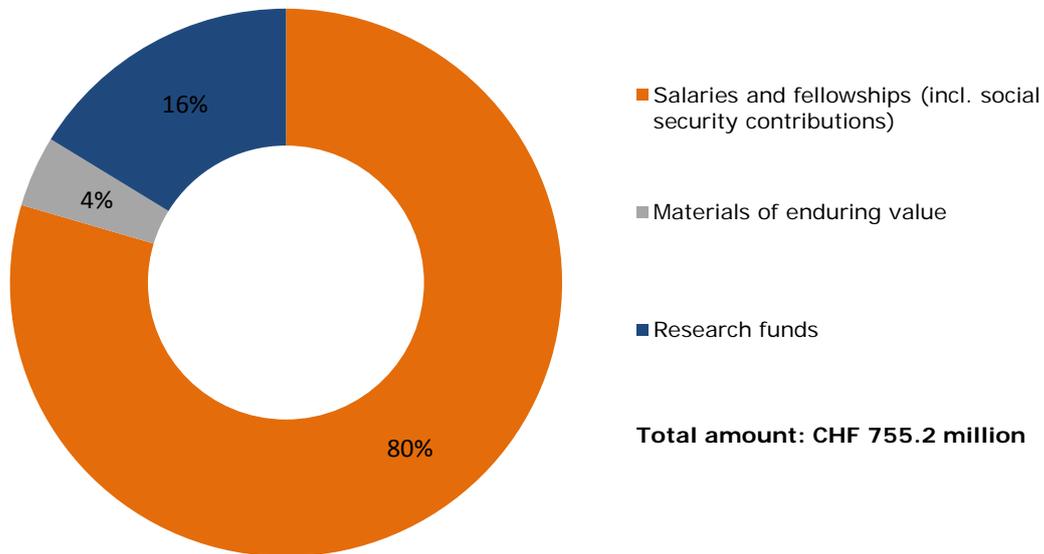
<sup>1</sup> If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>2</sup> Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

<sup>3</sup> Without universities of teacher education of FHNW and ZFH

<sup>4</sup> Research centres, museums, libraries, individuals, companies, non-profit organisations and not assignable to an institution (e.g. advanced fellowships)

## 1.4 Use of approved amounts



As in previous years, the approved funds were used by the researchers mainly to cover personnel costs, whether for the financing of individual salaries/fellowships in the context of career funding or for the appointment of personnel in research projects. As of 2012, consumables as well as travel and field expenses are included in the new budget item "Research funds".

## 1.5 Personnel in research projects

Around 5,100 persons were employed in research projects in 2012. In addition, approx. 950 were supported in the context of career funding and 2,700 were employed through the National Research Programmes and Centres of Competence in Research.

	Total	Women	Men
Scientists <sup>1</sup>	36%	49%	51%
Personnel at doctoral level	51%	45%	55%
Technicians, support staff	13%	66%	34%
<b>Total</b>	<b>100%</b>	<b>49%</b>	<b>51%</b>

<sup>1</sup>Senior researchers and post-docs

Funding for research projects primarily benefits the promotion of young scientists in Switzerland. Thus 77% of the collaborators are 35 years old or younger (95% in the case of personnel at doctoral level, 55% for other scientists). The share of women increased both among scientists (+5%) and among doctoral students (+3%) year-on-year.

## 1.6 Success rates

Amounts in CHF millions

	Success rate <sup>1</sup>			Number of applications submitted			Number of applications approved			Approved amount
	Total	Women	Men	Total	Women	Men	Total	Women	Men	
<b>Projects</b>	<b>54%</b>	<b>44%</b>	<b>57%</b>	<b>2,221</b>	<b>451</b>	<b>1,770</b>	<b>1,206</b>	<b>200</b>	<b>1,006</b>	<b>391.4</b>
Humanities and social sciences	46%	42%	48%	685	196	489	316	83	233	84.8
Mathematics, natural and engineering sciences	68%	69%	67%	744	81	663	503	56	447	135.7
Biology and medicine	50%	35%	54%	685	138	547	344	48	296	155.4
Interdisciplinary research	40%	36%	42%	107	36	71	43	13	30	15.5
<b>Careers</b>										
Fellowships (prospective)	62%	62%	62%	867	383	484	538	239	299	32.0
Fellowships (advanced)	53%	54%	52%	208	83	125	110	45	65	11.7
Marie Heim-Vögtlin grants (MHV)	30%	30%	-	123	123	-	37	37	-	7.8
Ambizione <sup>2</sup>	19%	21%	18%	289	99	190	56	21	35	34.1
SNSF professorships	21%	21%	21%	192	57	135	41	12	29	67.7
<b>Programmes</b>										
National Research Programmes <sup>3</sup>	26%	40%	25%	72	5	67	19	2	17	8.3
International programmes	54%	45%	56%	164	29	135	88	13	75	15.1
Sinergia	40%	32%	42%	91	22	69	36	7	29	46.2
Special programmes biology and medicine <sup>4</sup>	88%	100%	80%	8	3	5	7	3	4	19.1
ProDoc	34%	41%	31%	61	22	39	21	9	12	8.7
<b>Infrastructures</b>	<b>77%</b>	<b>50%</b>	<b>79%</b>	<b>104</b>	<b>8</b>	<b>96</b>	<b>80</b>	<b>4</b>	<b>76</b>	<b>21.6</b>
<b>Science communication</b>	<b>77%</b>	<b>79%</b>	<b>75%</b>	<b>516</b>	<b>188</b>	<b>328</b>	<b>395</b>	<b>148</b>	<b>247</b>	<b>5.8</b>

<sup>1</sup>Ratio of the number of applications approved to the number of applications submitted

<sup>2</sup>Incl. Ambizione-PROSPER and Ambizione-SCORE

<sup>3</sup>Number of approved/submitted pre-proposals NRP 68

<sup>4</sup>Extensions of long-term projects

The SNSF analyses the differences between the success rates of female and male applicants every year. For this purpose, it has introduced a gender equality monitoring system that examines the differences and attempts to identify the determining factors. If the differences are very pronounced, appropriate measures are taken.

Submitted applications by gender

	Women	Men
Fellowships (prospective)	44%	56%
Fellowships (advanced)	40%	60%
Marie Heim-Vögtlin grants (MHV)	100%	-
Ambizione	34%	66%
SNSF professorships	30%	70%
Projects	20%	80%

<sup>1</sup>The proportion of female applicants is 100% as MHV is a programme for women scientists.

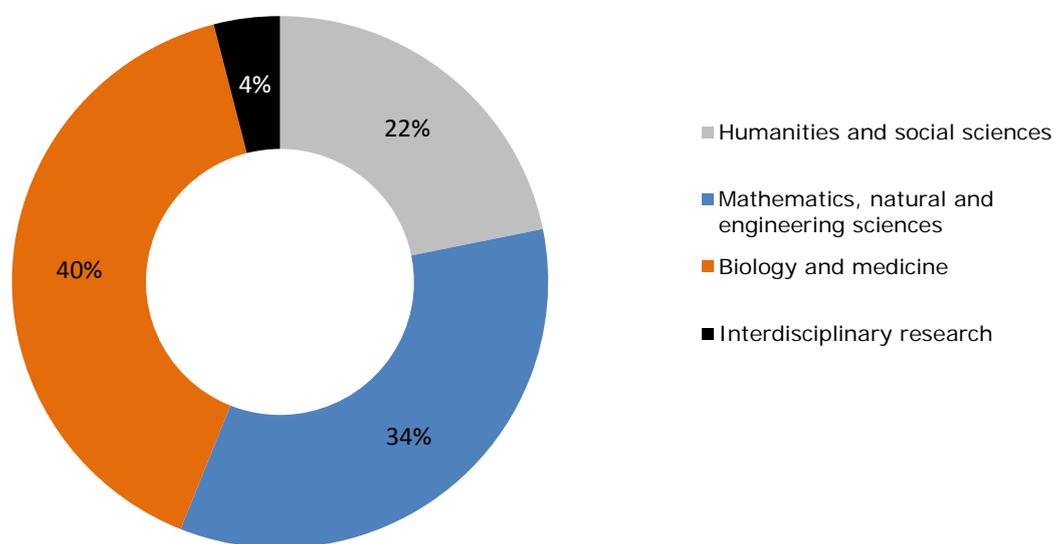
## 2. Projects

The SNSF supports research projects of high quality across all disciplines. The topics are selected by the researchers. Grants include contributions towards personnel costs, equipment, consumables and travel expenses.

### 2.1 Funding by research area

Amounts in CHF millions

Distribution of the approved amounts



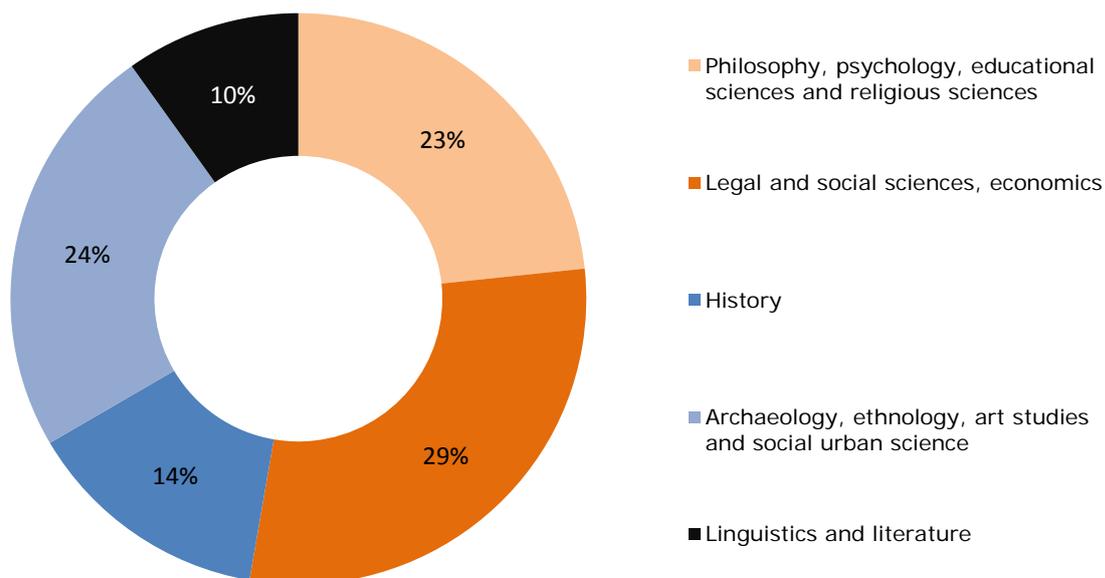
	Amount
Humanities and social sciences	84.8
Mathematics, natural and engineering sciences	135.7
Biology and medicine	155.4
Interdisciplinary research	15.5
<b>Total</b>	<b>391.4</b>

## 2.2 Funding by group of disciplines

Amounts in CHF millions

### Division I: Humanities and Social Sciences

#### Distribution of the approved amounts

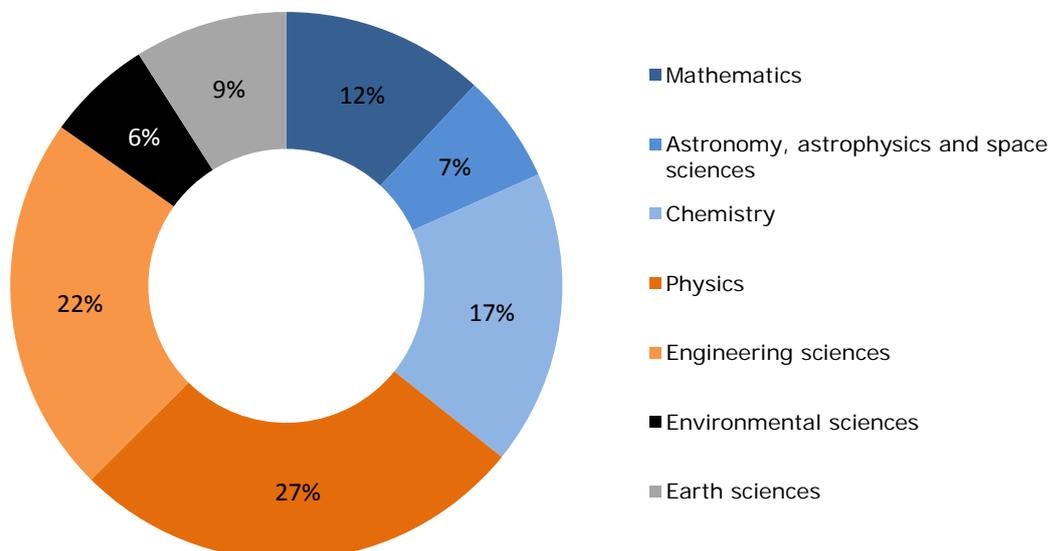


	Number	Amount
Philosophy, psychology, educational sciences and religious sciences	76	19.8
Legal and social sciences, economics	101	24.9
History	40	11.7
Archaeology, ethnology, art studies and social urban science	67	20.0
Linguistics and literature	32	8.4
<b>Total</b>	<b>316</b>	<b>84.8</b>

The integration of the DORE programme for universities of applied sciences into project funding led to shifts between the groups of disciplines. Economics and the legal and social sciences still receive the largest share of SNSF funding, namely 29%.

## Division II: Mathematics, Natural and Engineering Sciences

### Distribution of the approved amounts

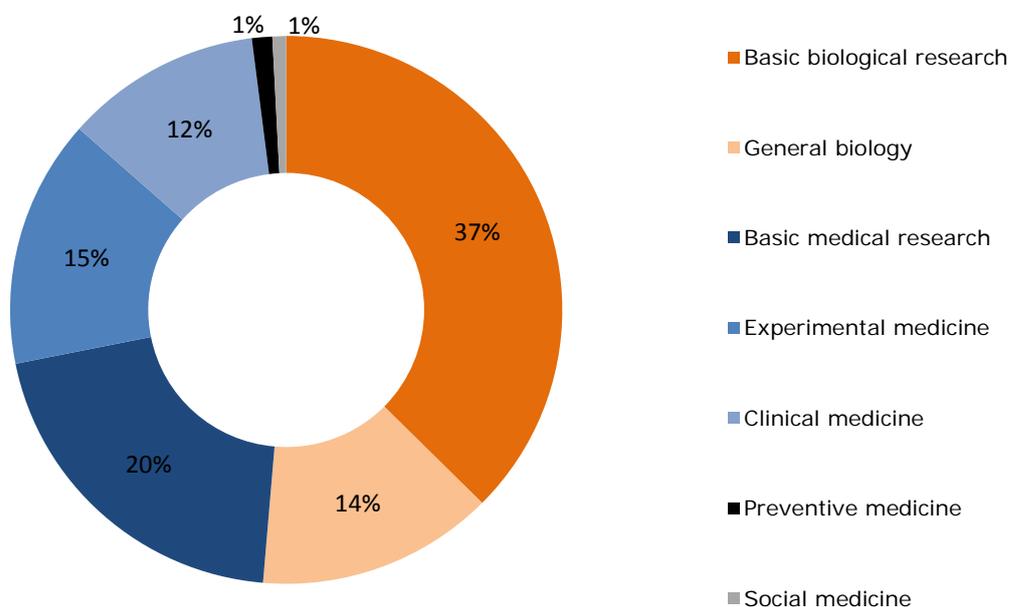


	Number	Amount
Mathematics	54	15.4
Astronomy, astrophysics and space sciences	19	8.8
Chemistry	78	23.8
Physics	100	36.5
Engineering sciences	145	30.5
Environmental sciences	49	8.5
Earth sciences	58	12.2
<b>Total</b>	<b>503</b>	<b>135.7</b>

After decreasing in the previous years, grants in mathematics witnessed a remarkable increase of 38% in 2012 compared to the previous year.

### Division III: Biology and Medicine

Distribution of the approved amounts



	Number	Amount
Basic biological research	113	58.2
General biology	52	21.6
Basic medical research	70	31.9
Experimental medicine	48	22.8
Clinical medicine	51	17.9
Preventive medicine (epidemiology/early diagnosis/prevention)	6	1.8
Social medicine	4	1.3
<b>Total</b>	<b>344</b>	<b>155.4</b>

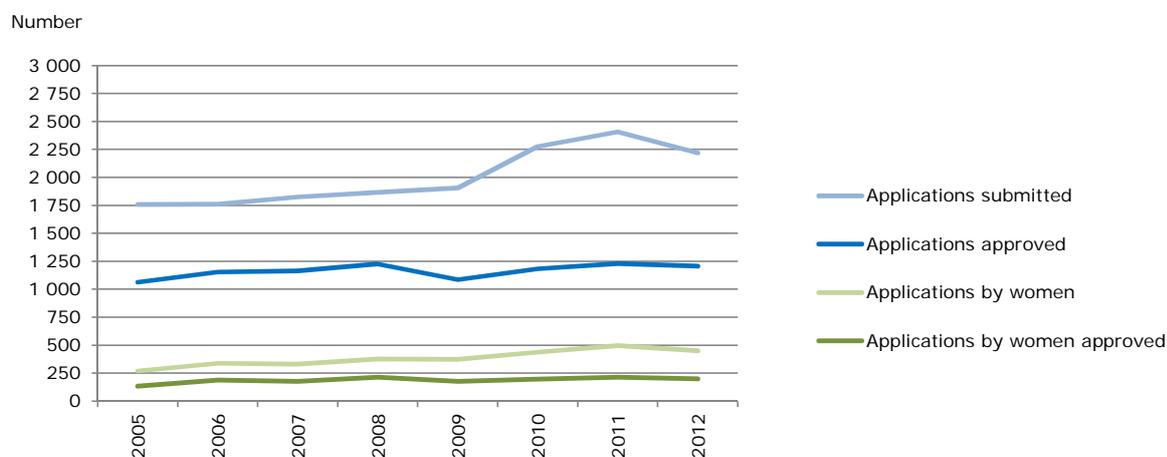
Half of the funds of Division III are allocated to biological research, the other half to medical research. As often in the past, the biological basic sciences received the largest share, in particular basic science projects in biochemistry, genetics and molecular and cell biology.

## 2.3 Grants, reductions and rejections

Amounts in CHF million

	Number	Amount	Grants	Reductions	Rejections, withdrawals
<b>Humanities and social sciences</b>					
Applications submitted	685		46%		54%
Requested amount		223.0	38%	7%	55%
Grants	316	84.8			
Reductions in approved applications	(227)	15.1			
Rejections, withdrawals	369	123.1			
<b>Mathematics, natural and engineering sciences</b>					
Applications submitted	744		68%		32%
Requested amount		280.1	49%	24%	27%
Grants	503	135.7			
Reductions in approved applications	(440)	67.6			
Rejections, withdrawals	241	76.8			
<b>Biology and medicine</b>					
Applications submitted	685		50%		50%
Requested amount		319.7	49%	11%	40%
Grants	344	155.4			
Reductions in approved applications	(234)	35.4			
Rejections, withdrawals	341	128.9			
<b>Interdisciplinary research</b>					
Applications submitted	107		40%		60%
Requested amount		44.1	35%	5%	60%
Grants	43	15.5			
Reductions in approved applications	(30)	2.1			
Rejections, withdrawals	64	26.5			
<b>Total</b>					
Applications submitted	<b>2,221</b>		<b>54%</b>		<b>46%</b>
Requested amount		<b>866.9</b>	<b>45%</b>	<b>14%</b>	<b>41%</b>
Grants	<b>1,206</b>	<b>391.4</b>			
Reductions in approved applications	<b>(931)</b>	<b>120.2</b>			
Rejections, withdrawals	<b>1,015</b>	<b>355.3</b>			

## 2.4 Number of applications and grants since 2005

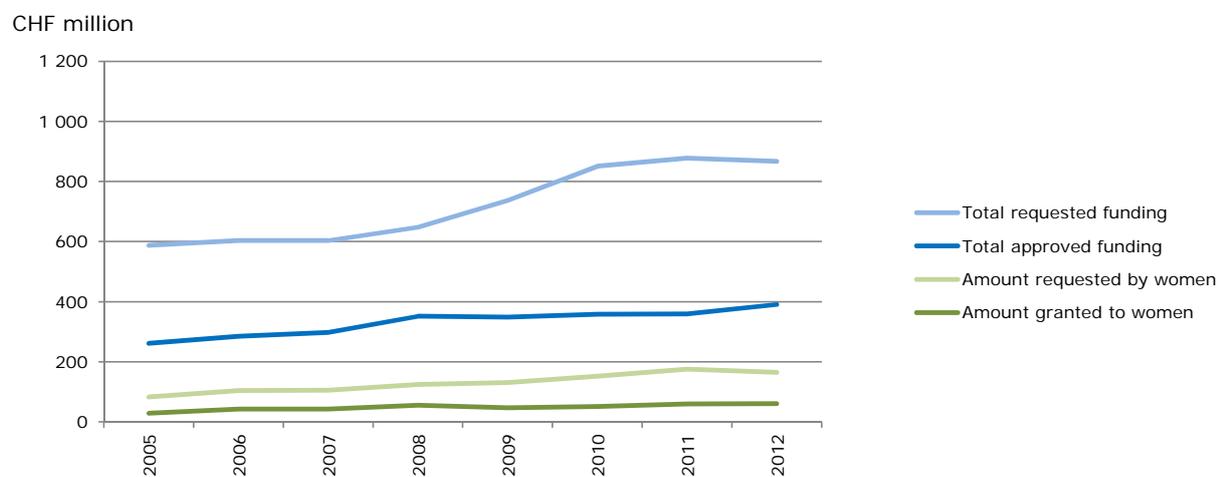


For the first time in several years, the number of applications in project funding decreased (-8%). The share of applications by women remains low.

### 2.4.1 Applications and grants since 2005

Year	Number of applications submitted			Number of applications approved			Success rate
	Total	Women	Men	Total	Women	Men	
2005	1,758	15%	85%	1,065	13%	87%	61%
2006	1,761	19%	81%	1,154	16%	84%	66%
2007	1,825	18%	82%	1,165	15%	85%	64%
2008	1,867	20%	80%	1,227	17%	83%	66%
2009	1,906	20%	80%	1,087	16%	84%	57%
2010	2,276	19%	81%	1,183	17%	83%	52%
2011	2,407	21%	79%	1,229	17%	83%	51%
2012	2,221	20%	80%	1,206	17%	83%	54%

## 2.5 Requested and approved amounts since 2005



In 2012, the total amount approved in project funding rose by CHF 32.4 million to CHF 391.4 million (+9%).

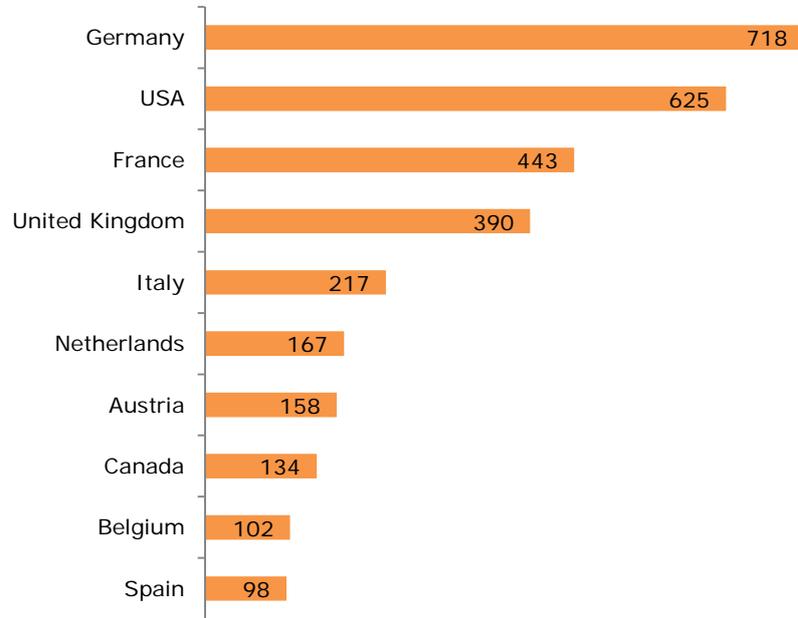
### 2.5.1 Requested and approved amounts since 2005

Amounts in CHF million

Year	Amount requested			Amount approved			Approval rate
	Total	Women	Men	Total	Women	Men	
2005	585	14%	86%	261	11%	89%	45%
2006	603	17%	83%	285	15%	85%	47%
2007	603	17%	83%	298	14%	86%	49%
2008	648	19%	81%	352	16%	84%	54%
2009	737	18%	82%	349	14%	86%	47%
2010	851	18%	82%	358	14%	86%	42%
2011	878	20%	80%	359	17%	83%	41%
2012	867	19%	81%	391	15%	85%	45%

## 2.6 International networking

### Number of international collaborations



In total, 4,057 instances of international collaboration have taken place in the context of projects supported by the SNSF. The table shows the ten countries collaborated with most frequently.

## 2.7 Funding by group of disciplines and gender

Amounts in CHF million

	Number of proposals submitted			Number of proposals approved			Amount approved		
	Total	Women	Men	Total	Women	Men	Total	Women	Men
<b>Humanities and social sciences</b>	<b>685</b>	<b>196</b>	<b>489</b>	<b>316</b>	<b>83</b>	<b>233</b>	<b>84.8</b>	<b>26%</b>	<b>74%</b>
Philosophy, psychology, educational science and religious science	190	60	130	76	24	52	19.8	30%	70%
Legal and social sciences, economics	237	57	180	101	21	80	24.9	19%	81%
History	67	14	53	40	11	29	11.7	20%	80%
Archaeology, ethnology, art studies and social urban science	125	33	92	67	11	56	20.0	19%	81%
Linguistics and literature	66	32	34	32	16	16	8.4	59%	41%
<b>Mathematics, natural and engineering sciences</b>	<b>744</b>	<b>81</b>	<b>663</b>	<b>503</b>	<b>56</b>	<b>447</b>	<b>135.7</b>	<b>9%</b>	<b>91%</b>
Mathematics	64	9	55	54	7	47	15.4	13%	87%
Astronomy, astrophysics and space sciences	31	7	24	19	3	16	8.8	14%	86%
Chemistry	108	12	96	78	7	71	23.8	5%	95%
Physics	135	6	129	100	5	95	36.5	4%	96%
Engineering sciences	265	30	235	145	21	124	30.5	14%	86%
Environmental sciences	66	8	58	49	6	43	8.5	11%	89%
Earth sciences	75	9	66	58	7	51	12.2	9%	91%
<b>Biology and medicine</b>	<b>685</b>	<b>138</b>	<b>547</b>	<b>344</b>	<b>48</b>	<b>296</b>	<b>155.4</b>	<b>14%</b>	<b>86%</b>
Basic biological research	187	30	157	113	12	101	58.2	11%	89%
General biology	83	10	73	52	5	47	21.6	9%	91%
Basic medical research	138	34	104	70	15	55	31.8	23%	77%
Experimental medicine	101	25	76	48	8	40	22.8	15%	85%
Clinical medicine	143	33	110	51	7	44	17.9	15%	85%
Preventive medicine (epidemiology/early diagnosis/prevention)	26	5	21	6	0	6	1.8	1%	99%
Social medicine	7	1	6	4	1	3	1.3	34%	66%
<b>Interdisciplinary research</b>	<b>107</b>	<b>36</b>	<b>71</b>	<b>43</b>	<b>13</b>	<b>30</b>	<b>15.5</b>	<b>26%</b>	<b>74%</b>
<b>Total</b>	<b>2,221</b>	<b>451</b>	<b>1,770</b>	<b>1,206</b>	<b>200</b>	<b>1,006</b>	<b>391.4</b>	<b>15%</b>	<b>85%</b>

**2.8 Funding by group of disciplines and institution<sup>1</sup>**  
 Amounts in CHF million

	Universities										ETH Domain			Universities of applied sciences	Various <sup>2</sup>	Total
	Berne	Basel	Fribourg	Geneva	Lucerne	Lausanne	Neuchâtel	St. Gallen	Ticino (USI)	Zurich	EPF Lausanne	ETH Zurich	Research institutes <sup>3</sup>			
<b>Humanities and social sciences</b>	<b>11.2</b>	<b>10.1</b>	<b>5.0</b>	<b>8.8</b>	<b>2.0</b>	<b>7.2</b>	<b>4.0</b>	<b>3.5</b>	<b>1.0</b>	<b>13.5</b>	<b>1.4</b>	<b>4.6</b>	<b>0.4</b>	<b>8.0</b>	<b>4.1</b>	<b>84.8</b>
Philosophy, psychology, educational science and religious science	3.7	2.0	0.9	4.5	0.4	1.8	-	0.2	0.1	3.3	-	0.6	0.2	1.9	0.2	19.8
Legal and social sciences, economics	2.1	1.0	1.8	1.5	1.3	3.0	1.6	3.3	0.5	5.0	1.0	0.9	0.2	1.1	0.6	24.9
History	2.6	2.1	0.8	1.1	0.3	1.1	0.8	-	0.2	0.9	-	1.1	-	-	0.7	11.7
Archaeology, ethnology, art studies and social urban science	1.9	3.3	0.4	0.7	-	0.9	1.0	-	-	2.4	0.4	1.9	-	4.9	2.2	20.0
Linguistics and literature	0.9	1.7	1.1	1.0	-	0.4	0.6	-	0.2	1.9	-	0.1	-	0.1	0.4	8.4
<b>Mathematics, natural and engineering sciences</b>	<b>10.5</b>	<b>11.3</b>	<b>3.1</b>	<b>17.5</b>	<b>-</b>	<b>4.1</b>	<b>2.5</b>	<b>0.0</b>	<b>2.0</b>	<b>5.9</b>	<b>27.8</b>	<b>37.4</b>	<b>10.5</b>	<b>1.0</b>	<b>2.1</b>	<b>135.7</b>
Mathematics	0.6	1.1	0.3	3.6	-	1.0	0.3	-	1.2	1.0	3.4	2.9	-	-	-	15.4
Astronomy, astrophysics and space sciences	1.4	0.8	-	2.8	-	-	-	-	-	0.4	-	2.6	-	0.4	0.4	8.8
Chemistry	2.2	4.7	0.7	2.3	-	-	0.9	-	-	1.3	3.6	6.5	1.2	0.2	0.2	23.8
Physics	3.0	3.1	1.4	8.1	-	-	0.5	-	-	1.5	7.5	7.9	3.0	-	0.5	36.5
Engineering sciences	1.3	0.6	0.2	0.3	-	0.5	-	-	0.8	1.1	11.9	10.1	2.9	0.4	0.4	30.5
Environmental sciences	0.8	0.6	0.2	-	-	0.4	0.4	-	-	0.5	1.0	1.1	3.3	-	0.2	8.5
Earth sciences	1.2	0.4	0.3	0.4	-	2.2	0.4	-	-	0.1	0.4	6.3	0.1	-	0.4	12.2
<b>Biology and medicine</b>	<b>15.2</b>	<b>17.3</b>	<b>3.2</b>	<b>26.5</b>	<b>-</b>	<b>21.0</b>	<b>3.3</b>	<b>-</b>	<b>0.0</b>	<b>31.9</b>	<b>6.6</b>	<b>15.3</b>	<b>3.8</b>	<b>1.9</b>	<b>9.4</b>	<b>155.4</b>
Basic biological research	4.9	8.2	0.3	11.7	-	4.8	0.4	-	-	10.8	3.4	8.6	1.4	0.6	3.1	58.2
General biology	2.2	1.7	0.8	2.1	-	2.3	2.9	-	-	4.0	0.0	2.6	2.0	0.4	0.6	21.6
Basic medical research	2.1	3.1	2.1	5.5	-	6.8	-	-	-	6.4	3.0	1.3	-	-	1.5	31.8
Experimental medicine	3.4	0.9	-	3.1	-	2.6	-	-	-	7.0	-	2.3	-	-	3.5	22.8
Clinical medicine	2.3	2.3	-	4.1	-	4.2	-	-	-	2.9	0.2	0.5	0.4	0.3	0.7	17.9
Preventive medicine (epidemiology/early diagnosis/prevention)	0.3	0.7	-	-	-	-	-	-	-	0.8	-	0.0	-	-	-	1.8
Social medicine	-	0.4	-	-	-	0.3	-	-	-	-	-	0.0	-	0.6	-	1.3
<b>Interdisciplinary research</b>	<b>1.0</b>	<b>1.1</b>	<b>-</b>	<b>2.1</b>	<b>-</b>	<b>1.5</b>	<b>-</b>	<b>-</b>	<b>0.3</b>	<b>1.4</b>	<b>2.9</b>	<b>1.8</b>	<b>0.7</b>	<b>1.4</b>	<b>1.3</b>	<b>15.5</b>
<b>Total</b>	<b>37.9</b>	<b>39.8</b>	<b>11.3</b>	<b>54.9</b>	<b>2.0</b>	<b>33.8</b>	<b>9.8</b>	<b>3.5</b>	<b>3.3</b>	<b>52.7</b>	<b>38.7</b>	<b>59.1</b>	<b>15.4</b>	<b>12.3</b>	<b>16.9</b>	<b>391.4</b>

<sup>1</sup> If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>2</sup> Various (Individuals, non-profit organisations, etc.)

<sup>3</sup> Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

### 3. Careers

The SNSF has a wide range of funding options in place to promote the careers of young researchers.

#### 3.1 Funding by scheme

Amounts in CHF million

	Number of applications submitted					Number of applications approved					Approved amount
	New applications			Follow-up applications		New applications			Follow-up applications		
	Total	Women	Men	Women	Men	Total	Women	Men	Women	Men	
Fellowships (prospective)	867	383	484	41	58	538	239	299	32	34	32.0
Fellowships (advanced)	208	83	125	14	18	110	45	65	8	14	11.7
Marie Heim-Vögtlin grants (MHV)	123	123	-	14	-	37	37	-	7	-	7.8
Ambizione <sup>1</sup>	289	99	190	11	28	56	21	35	10	28	34.1
SNSF professorships	192	57	135	10	11	41	12	29	8	11	67.7
MD-PhD fellowships	7	4	3	-	-	7	4	3	-	-	1.2
Graduate courses	5	0	5	-	-	5	0	5	-	-	0.1
Summer courses	162	86	76	-	-	156	82	74	-	-	0.4
International short visits	116	36	80	-	-	110	34	76	-	-	0.9
Research semesters <sup>2</sup>	7	1	6	-	-	7	1	6	-	-	0.4
Mobility grants for doctoral students <sup>3</sup>	(15)	(11)	(4)	-	-	(13)	(9)	(4)	-	-	0.1
<b>Total</b>	<b>1 976</b>	<b>872</b>	<b>1 104</b>	<b>90</b>	<b>115</b>	<b>1 067</b>	<b>475</b>	<b>592</b>	<b>65</b>	<b>87</b>	<b>156.4</b>

<sup>1</sup>Incl. Ambizione-PROSPER and Ambizione-SCORE. Ambizione follow-ups include 4 SCORE grants (CHF 1 million)

<sup>2</sup>Research semesters for departing members of the Research Council

<sup>3</sup>Mobility grants are supplementary grants and are therefore not treated as separate applications. Hence they are not accounted for in the total number of applications, but are considered in the amount.

The upward trend in career funding applications continued in 2012. The increase in demand was particularly strong in the Marie Heim-Vögtlin programme (+18%) and in Ambizione (+25%). As a result, the success rate in Ambizione fell to 19%, the lowest level since the introduction of the funding scheme in 2008. The SNSF was able to award eight mobility grants, a funding scheme introduced in June 2012.

## 3.1.1 Funding by scheme and research area

Amounts in CHF million

	Number of applications submitted					Number of applications approved					Success rate <sup>1</sup>			Amount approved
	New proposals			Follow-up applications		New proposals			Follow-up applications		Total	Women	Men	Total
	Total	Women	Men	Women	Men	Total	Women	Men	Women	Men				
<b>Fellowships (prospective)</b>	<b>867</b>	<b>383</b>	<b>484</b>	<b>41</b>	<b>58</b>	<b>538</b>	<b>239</b>	<b>299</b>	<b>32</b>	<b>34</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	<b>32.0</b>
Humanities and social sciences	359	194	165	15	17	231	128	103	13	7	64%	66%	62%	12.0
Mathematics, natural and engineering sciences	246	69	177	9	17	154	42	112	5	11	63%	61%	63%	9.8
Biology and medicine	262	120	142	17	24	153	69	84	14	16	58%	58%	59%	10.2
<b>Fellowships (advanced)</b>	<b>208</b>	<b>83</b>	<b>125</b>	<b>14</b>	<b>18</b>	<b>110</b>	<b>45</b>	<b>65</b>	<b>8</b>	<b>14</b>	<b>53%</b>	<b>54%</b>	<b>52%</b>	<b>11.7</b>
Humanities and social sciences	73	35	38	6	7	30	14	16	4	4	41%	40%	42%	4.2
Mathematics, natural and engineering sciences	51	9	42	3	4	33	6	27	1	3	65%	67%	64%	2.9
Biology and medicine	84	39	45	5	7	47	25	22	3	7	56%	64%	49%	4.6
<b>Marie Heim-Vögtlin programme (MHV)</b>	<b>123</b>	<b>123</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>37</b>	<b>37</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>30%</b>	<b>30%</b>	<b>-</b>	<b>7.8</b>
Humanities and social sciences	51	51	-	8	-	14	14	-	3	-	27%	27%	-	2.4
Mathematics, natural and engineering sciences	23	23	-	1	-	8	8	-	-	-	35%	35%	-	1.8
Biology and medicine	49	49	-	5	-	15	15	-	4	-	31%	31%	-	3.6
<b>Ambizione</b>	<b>289</b>	<b>99</b>	<b>190</b>	<b>11</b>	<b>28</b>	<b>56</b>	<b>21</b>	<b>35</b>	<b>10</b>	<b>28</b>	<b>19%</b>	<b>21%</b>	<b>18%</b>	<b>34.1</b>
Humanities and social sciences	87	46	41	5	4	15	7	8	5	4	17%	15%	20%	7.8
Mathematics, natural and engineering sciences	107	23	84	3	10	21	5	16	2	10	20%	22%	19%	11.3
Biology and medicine	95	30	65	3	14	20	9	11	3	14	21%	30%	17%	15.0
<b>SNSF professorships</b>	<b>192</b>	<b>57</b>	<b>135</b>	<b>10</b>	<b>11</b>	<b>41</b>	<b>12</b>	<b>29</b>	<b>8</b>	<b>11</b>	<b>21%</b>	<b>21%</b>	<b>21%</b>	<b>67.7</b>
Humanities and social sciences	64	26	38	6	3	13	3	10	5	3	20%	12%	26%	19.6
Mathematics, natural and engineering sciences	63	11	52	-	7	15	5	10	-	7	24%	45%	19%	26.5
Biology and medicine	65	20	45	4	1	13	4	9	3	1	20%	20%	20%	21.6
<b>MD-PhD fellowships</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>4</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>1.2</b>
Biology and medicine	7	4	3	-	-	7	4	3	-	-	100%	100%	100%	1.2
Graduate courses	5	0	5	0	0	5	0	5	-	-	100%	-	100%	0.1
Humanities and social sciences	5	-	5	-	-	5	-	5	-	-	100%	-	100%	0.1
<b>Summer courses</b>	<b>162</b>	<b>86</b>	<b>76</b>	<b>0</b>	<b>0</b>	<b>156</b>	<b>82</b>	<b>74</b>	<b>-</b>	<b>-</b>	<b>96%</b>	<b>95%</b>	<b>97%</b>	<b>0.4</b>
Humanities and social sciences	162	86	76	-	-	156	82	74	-	-	96%	95%	97%	0.4
<b>International short visits</b>	<b>116</b>	<b>36</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>110</b>	<b>34</b>	<b>76</b>	<b>-</b>	<b>-</b>	<b>95%</b>	<b>94%</b>	<b>95%</b>	<b>0.9</b>
Humanities and social sciences	44	21	23	-	-	41	20	21	-	-	93%	95%	91%	0.3
Mathematics, natural and engineering sciences	44	9	35	-	-	42	8	34	-	-	95%	89%	97%	0.4
Biology and medicine	28	6	22	-	-	27	6	21	-	-	96%	100%	95%	0.2
<b>Research semesters<sup>3</sup></b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>0.4</b>
<b>Mobility grants<sup>4</sup></b>	<b>(15)</b>	<b>(11)</b>	<b>(4)</b>	<b>-</b>	<b>-</b>	<b>(13)</b>	<b>(9)</b>	<b>(4)</b>	<b>-</b>	<b>-</b>	<b>100%</b>	<b>82%</b>	<b>100%</b>	<b>0.1</b>
<b>Total</b>	<b>1 976</b>	<b>872</b>	<b>1 104</b>	<b>90</b>	<b>115</b>	<b>1 067</b>	<b>475</b>	<b>592</b>	<b>65</b>	<b>87</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>156.4</b>

<sup>1</sup>Ratio of the number of applications approved to the number of applications submitted (new applications)

<sup>2</sup>Incl. Ambizione-PROSPER and Ambizione-SCORE. Ambizione follow-ups include 4 SCORE grants (CHF 0.8 million)

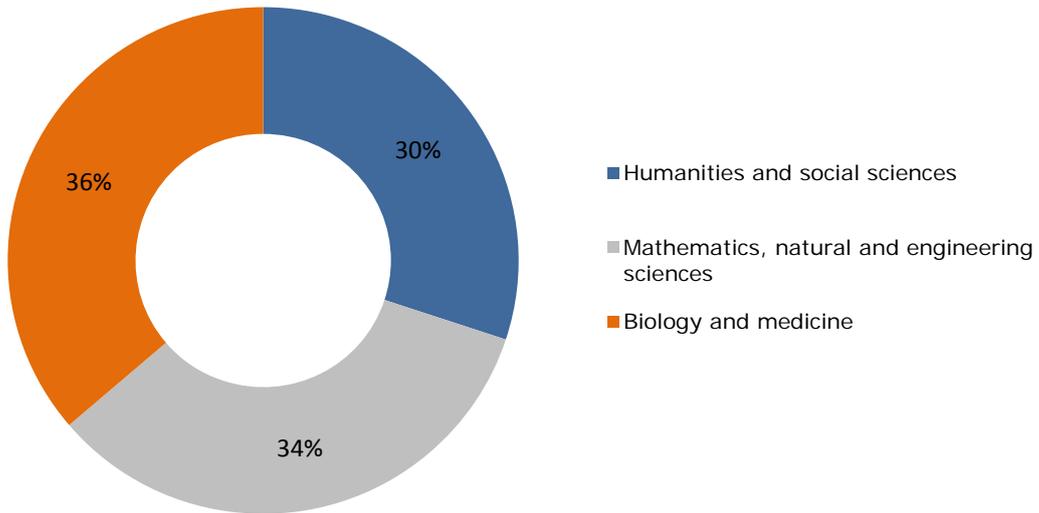
<sup>3</sup>Research semesters for departing members of the Research Council

<sup>4</sup>Mobility grants are supplementary grants and are therefore not treated as separate applications. Hence they are not accounted for in the total number of applications, but are considered in the approved amount.

### 3.2 Funding by research area

Amounts in CHF million

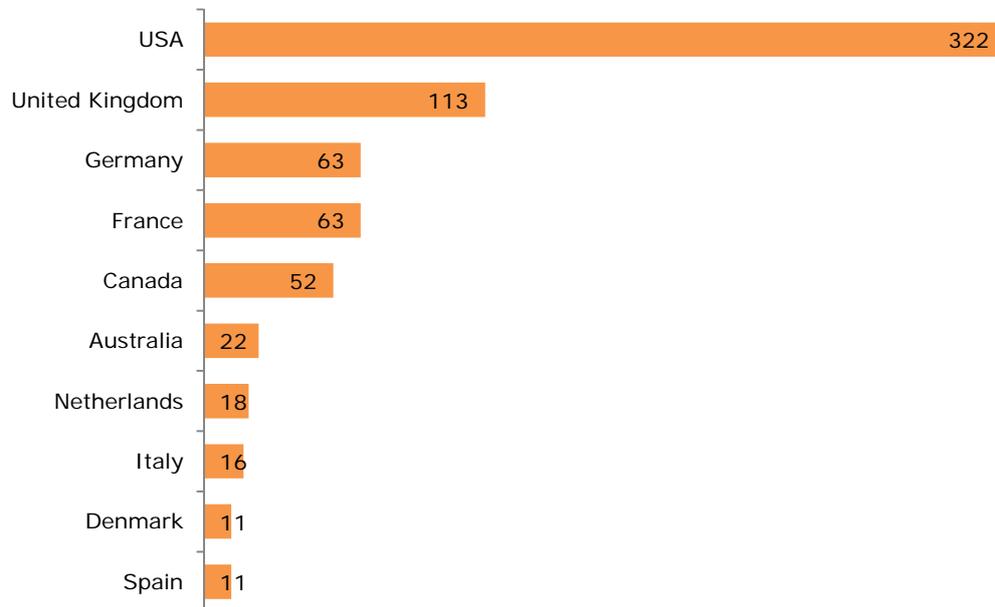
#### Distribution of the approved amounts



	Amount
Humanities and social sciences	47.0
Mathematics, natural and engineering sciences	52.7
Biology and medicine	56.7
<b>Total</b>	<b>156.4</b>

### 3.3 Fellowships by host country

Number of fellowships



With 736 fellowships for prospective and advanced researchers, the SNSF supported a total of 761 research stays abroad. The graph shows the ten most frequent host countries.

### 3.4 Funding by scheme and institution<sup>1</sup>

Amounts in CHF million

	Universities									ETH Domain			Various <sup>3</sup>	Fellowship Commission	Total	
	Berne	Basel	Fribourg	Geneva	Lucerne	Lausanne	Neuchâtel	St. Gallen	Ticino (USI)	Zurich	EPF Lausanne	ETH Zurich				Research institutes <sup>2</sup>
<b>Number of applications approved<sup>4</sup></b>																
SNSF professorships	4	4	4	7	-	5	1	1	-	6	2	6	-	1	-	41
Ambizione	4	5	2	7	-	4	3	-	-	11	6	11	2	1	-	56
Prospective researchers <sup>5</sup>	46	43	29	73	3	46	18	27	14	82	31	78	-	-	48	538
Marie Heim-Vögtlin programme (MHV)	4	6	-	9	-	1	1	-	-	10	3	3	-	-	-	37
MD-PhD fellowships	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	7
Graduate courses	-	-	2	1	-	-	-	-	-	2	-	-	-	-	-	5
Summer courses	25	3	4	8	-	28	5	30	11	26	2	10	-	4	-	156
International short visits	-	-	-	-	-	-	-	-	-	-	-	-	-	110	-	110
Research semesters	1	-	1	-	-	1	-	1	-	1	-	2	-	-	-	7
<b>Total</b>	<b>84</b>	<b>61</b>	<b>42</b>	<b>105</b>	<b>3</b>	<b>85</b>	<b>28</b>	<b>59</b>	<b>25</b>	<b>138</b>	<b>44</b>	<b>110</b>	<b>2</b>	<b>123</b>	<b>48</b>	<b>957</b>

#### Amounts approved<sup>6</sup>

SNSF professorships	5.7	7.2	6.8	11.3	0.0	8.3	1.7	1.2	-	10.5	4.4	9.7	-	0.9	-	67.7
Ambizione	3.4	4.2	1.4	3.7	-	2.7	1.6	-	-	6.9	2.8	5.5	0.9	1.0	-	34.1
Prospective researchers	2.8	2.5	1.6	4.2	0.2	2.9	1.0	1.4	0.9	4.8	2.3	4.0	-	-	3.4	32.0
Marie Heim-Vögtlin programme (MHV)	0.8	1.6	0.0	1.8	-	0.2	0.1	0.0	-	1.8	0.7	0.8	-	0.0	-	7.8
MD-PhD fellowships	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	-	1.2
Graduate courses	-	-	0.0	0.0	-	-	-	-	-	0.1	-	-	-	-	-	0.1
Summer courses	0.2	0.0	0.0	0.1	-	0.0	0.0	0.1	0.0	0.0	0.0	0.0	-	0.0	-	0.4
International short visits	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	0.9
Research semesters	0.0	-	0.1	-	-	0.1	-	0.0	-	0.1	-	0.1	-	-	-	0.4
Mobility grants	0.0	-	0.0	0.0	-	0.0	-	-	0.1	0.0	-	0.0	-	-	-	0.1
<b>Total</b>	<b>12.9</b>	<b>15.5</b>	<b>9.9</b>	<b>21.1</b>	<b>0.2</b>	<b>14.2</b>	<b>4.4</b>	<b>2.7</b>	<b>1.0</b>	<b>24.2</b>	<b>10.2</b>	<b>20.1</b>	<b>0.9</b>	<b>4.0</b>	<b>3.4</b>	<b>144.7</b>

<sup>1</sup> If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>2</sup> Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

<sup>3</sup> Various (universities of applied sciences, research centres, museums, libraries, individuals, etc.)

<sup>4</sup> Includes only new submissions

<sup>5</sup> Excluding fellowships for advanced researchers, since these cannot be allocated to the individual institutions

<sup>6</sup> Includes new applications and follow-up applications

## 4. Programmes

Programmes are funding instruments with pre-defined thematic and conceptual/organisational parameters. They are either suggested by researchers or their home institutions, or established by political actors.

### 4.1 Funding by scheme

Amounts in CHF million

	Number	Amount
<b>National Research Programmes (NRPs)</b>	<b>88</b>	<b>26.3</b>
<b>National Centres of Competence in Research (NCCRs)<sup>1</sup></b>	<b>360</b>	<b>64.6</b>
<b>International programmes</b>	<b>88</b>	<b>15.1</b>
SCOPES/ESTROM programme	37	0.3
Bulgarian-Swiss Research Programme (BSRP)	13	3.8
Romanian-Swiss Research Programme (RSRP)	26	8.9
Multilateral collaborations	12	2.1
<b>Sinergia</b>	<b>36</b>	<b>46.2</b>
<b>Special Programme University Medicine</b>	<b>7</b>	<b>19.1</b>
<b>Doctoral programmes (ProDoc)</b>	<b>21</b>	<b>8.7</b>
<b>Total</b>	<b>600</b>	<b>180.0</b>

<sup>1</sup> Sub-projects

## 4.2 National Research Programmes (NRP)

Amounts in CHF million

The National Research Programmes (NRPs) study problems of societal, political and economic importance for Switzerland. The topics are prescribed by the Federal Council.

	Approved amount 2012 <sup>1</sup>	Overall budget	Overall amount approved up to 2012 <sup>2</sup>	Duration
	Total		Total	
<b>Current NRPs</b>				
NRP 59 Benefits and Risks of the Deliberate Release of Genetically Modified Plants	0.3	12.0	13.3	2007-2012
NRP 60 Gender Equality	0.1	8.0	6.7	2010-2013
NRP 61 Sustainable Water Management	0.8	12.0	10.5	2010-2013
NRP 62 Smart Materials	2.9	11.0	9.5	2010-2014
NRP 63 Stem Cells and Regenerative Medicine	-	10.0	5.6	2010-2014
NRP 64 Opportunities and Risks of Nanomaterials	2.0	12.0	9.2	2010-2015
NRP 65 New Urban Quality	-	5.0	3.5	2010-2013
NRP 66 Resource Wood	1.7	18.0	12.8	2012-2017
NRP 67 End of Life	0.0	15.0	10.5	2012-2018
NRP 68 Sustainable Use of Soil as a Resource	0.0	13.0	8.3	2013-2017
NRP 69 Healthy Nutrition and Sustainable Food Production	-	13.0	-	2013-2017
<b>New NRPs</b>				
NRP 70 Transforming Energy	-	37.0	-	2013-2018
NRP 71 Options for Controlling Final Energy Consumption	-	8.0	-	2013-2018
<b>Total</b>	<b>26.2</b>	<b>129.0</b>	<b>89.9</b>	

<sup>1</sup> Excluding grants for formally terminated programmes (CHF 0.1 million)

<sup>2</sup> These amounts do not take account of repayments, third-party funds, etc.

In 2012, the Federal Council mandated the SNSF to conduct two new NRPs. The topics are "Transforming Energy" (NRP 70) and "Options for Controlling Final Energy Consumption" (NRP 71). The relevant calls for proposals will be issued in 2013.

### 4.2.1 Research contributions<sup>1</sup> by research area and institution<sup>2</sup>

Amounts in CHF million

	Humanities and social sciences	Mathematics, natural and engineering sciences	Biology and medicine	Total
<b>Universities</b>	<b>3.7</b>	<b>2.4</b>	<b>6.3</b>	<b>12.4</b>
Berne	0.8	0.0	0.7	1.5
Basel	0.2	0.6	0.6	1.4
Fribourg	0.3	0.8	0.0	1.1
Geneva	-	-	0.5	0.5
Lucerne	0.7	-	-	0.7
Lausanne	0.0	-	1.0	1.0
Neuchâtel	0.6	0.1	0.6	1.3
St. Gallen	-	-	-	-
Ticino (USI)	-	-	-	-
Zurich	1.1	0.9	2.9	4.9
<b>ETH Domain</b>	<b>0.8</b>	<b>3.3</b>	<b>1.5</b>	<b>5.6</b>
EPF Lausanne	-	0.7	-	0.7
ETH Zurich	-	1.6	0.9	2.5
Research institutes <sup>3</sup>	0.8	1.0	0.6	2.4
<b>Universities of applied sciences<sup>4</sup></b>	<b>0.6</b>	<b>0.8</b>	<b>0.2</b>	<b>1.6</b>
<b>Various<sup>5</sup></b>	<b>0.8</b>	<b>2.4</b>	<b>1.5</b>	<b>4.7</b>
<b>Total</b>	<b>5.9</b>	<b>8.9</b>	<b>9.5</b>	<b>24.3</b>

<sup>1</sup>Without implementation mandates

<sup>2</sup>If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>3</sup>Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

<sup>4</sup>Including universities of teacher education

<sup>5</sup>Various (research centres, museums, libraries, individuals, companies, non-profit organisations)

### 4.3 National Centres of Competence in Research (NCCR)

Amounts in million CHF

With the National Centres of Competence in Research the SNSF promotes long-term research networks in areas of strategic significance for the future of Swiss science, Swiss economy and Swiss society.

Series 2001	Contribution SNSF 2012 <sup>1</sup>	Contribution SNSF for 12 years	Total budget for 12 years	Start	Home institution
Financial Valuation and Risk Management (FINRISK)	0.1	28.2	58.7	2001	University of Zurich
Computer Aided and Image Guided Medical Interventions (CO-ME)	1.8	42.7	114.4	2001	ETH Zurich
Frontiers in Genetics	1.0	43.0	145.5	2001	University of Geneva
Interactive Multimodal Information Management (IM2)	1.8	33.0	83.9	2002	Idiap, Martigny
Climate	0.4	26.6	134.1	2001	University of Bern
Materials with Novel Electronic Properties (MaNEP)	2.2	51.0	211.6	2001	University of Geneva
Mobile Information and Communication Systems (MICS)	1.0	37.5	104.4	2001	EPF Lausanne
Molecular Oncology	1.5	43.6	117.1	2001	EPF Lausanne
Nanoscale Science	2.4	50.2	183.2	2001	University of Basel
North-South	1.0	36.4	97.3	2001	University of Bern
Neural Plasticity and Repair (NEURO)	2.8	44.3	242.3	2001	University of Zurich
Quantum Photonics	2.0	45.3	122.8	2001	EPF Lausanne
Molecular Life Sciences	0.8	36.7	114.7	2001	University of Zurich
Plant Survival	0.8	33.8	86.9	2001	University of Neuchâtel
<b>Total</b>	<b>19.6</b>	<b>552.3</b>	<b>1816.9</b>		
<b>Series 2005</b>	<b>Contribution SNSF 2012<sup>1</sup></b>	<b>Contribution SNSF for 8 years</b>	<b>Total budget for 8 years</b>	<b>Start</b>	<b>Home institution</b>
Affective Sciences – Emotion in Individual Behaviour and Social Processes	3.6	21.3	53.3	2005	University of Geneva
Democracy – Challenges to Democracy in the 21st Century	2.2	14.9	29.8	2005	University of Zurich
Iconic Criticism – Power and Importance of Pictures	1.9	14.6	33.1	2005	University of Basel
Mediality – Historical Perspectives	1.5	11.7	22.1	2005	University of Zurich
International Trade Regulation – From Fragmentation to Coherence	2.3	20.8	27.5	2005	University of Bern
<b>Total</b>	<b>11.5</b>	<b>83.3</b>	<b>165.8</b>		
<b>Series 2010</b>	<b>Contribution SNSF 2012<sup>1</sup></b>	<b>Contribution SNSF for 4 years</b>	<b>Total budget for 4 years</b>	<b>Start</b>	<b>Home institution</b>
Chemical Biology – Visualisation and Control of Biological Processes Using Chemistry	3.4	13.5	27.4	2010	University of Geneva / ETH Zurich
Kidney.CH – Kidney Control of Homeostasis	4.5	16.5	27.2	2010	University of Zurich
LIVES - Overcoming vulnerability: life course perspectives	4.5	14.6	31.9	2011	University of Lausanne / University of Geneva
MUST – Molecular Ultrafast Sciences and Technology	4.4	17.8	39.9	2010	ETH Zurich / University of Bern
QSIT – Quantum Science and Technology	4.7	17.3	55.5	2011	ETH Zurich / University of Basel
Robotics – Intelligent Robots for Improving the Quality of Life	3.7	13.3	29.9	2010	EPF Lausanne
SYNAPSY – The synaptic bases of mental diseases	4.6	17.5	41.1	2010	EPF Lausanne / University of Lausanne / University of Geneva
TransCure – From transport physiology to identification of therapeutic targets	3.7	14.1	28.3	2010	University of Bern
<b>Total</b>	<b>33.5</b>	<b>124.6</b>	<b>281.2</b>		
<b>All NCCRs</b>	<b>64.6</b>	<b>760.2</b>	<b>2'263.9</b>		

<sup>1</sup>Also contains contributions for management, knowledge and technology transfer, promotion of young scientists, etc.

Within the scope of the fourth call for new NCCRs, the SNSF will evaluate the 23 applications in 2013 and submit a shortlist of recommended projects for final selection to the Department of Economic Affairs, Education and Research. Research work will start in 2014.

### 4.3.1 Research contributions by research area and institution (SNSF portion only)<sup>1</sup>

Amounts in CHF million

	Humanities and social sciences	Mathematics, natural and engineering sciences	Biology and medicine	Total
<b>Universities</b>	<b>15.4</b>	<b>8.1</b>	<b>16.9</b>	<b>40.4</b>
Berne	2.6	0.2	3.7	6.5
Basel	1.7	2.6	1.8	6.1
Fribourg	0.1	0.3	0.5	0.9
Geneva	4.3	3.9	2.8	11.0
Lucerne	0.4	-	-	0.4
Lausanne	2.9	-	2.6	5.5
Neuchâtel	0.1	-	0.1	0.2
St. Gallen	0.1	-	-	0.1
Ticino (USI)	-	-	-	0.0
Zurich	3.2	1.1	5.4	9.7
<b>ETH Domain</b>	<b>0.5</b>	<b>14.4</b>	<b>6.4</b>	<b>21.3</b>
EPF Lausanne	0.1	6.7	4.3	11.1
ETH Zurich	0.4	6.7	2.1	9.2
Research institutes <sup>2</sup>	-	1.0	-	1.0
<b>Universities of applied sciences</b>	<b>0.4</b>	<b>0.0</b>	<b>-</b>	<b>0.4</b>
<b>Various<sup>3</sup></b>	<b>0.1</b>	<b>1.9</b>	<b>0.5</b>	<b>2.5</b>
<b>Total</b>	<b>16.4</b>	<b>24.4</b>	<b>23.8</b>	<b>64.6</b>

<sup>1</sup>If no application was submitted by the respective institution, this is denoted by a dash. Amounts lower than CHF 0.05 million are shown as zero.

<sup>2</sup>Research institutes in the ETH Domain (EMPA, EAWAG, PSI, WSL)

<sup>3</sup>Various (research centres, museums, libraries, individuals, etc.)

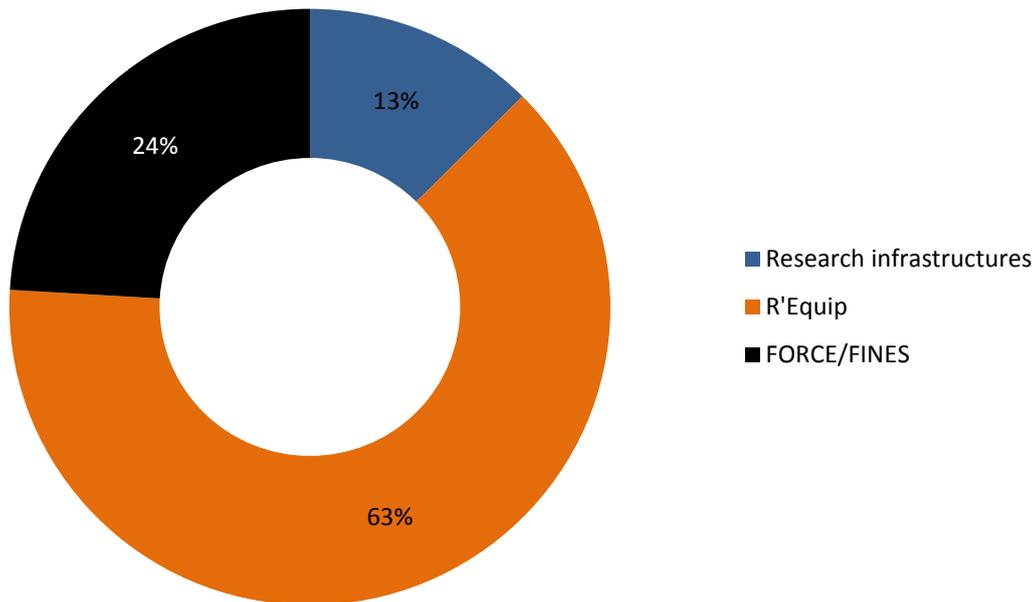
## 5. Infrastructures

In individual cases, the SNSF provides direct funding for research infrastructures that are indispensable for research projects. This is complemented by specific funding programmes.

### 5.1 Funding by scheme

Amounts in CHF million

Distribution of the approved amounts

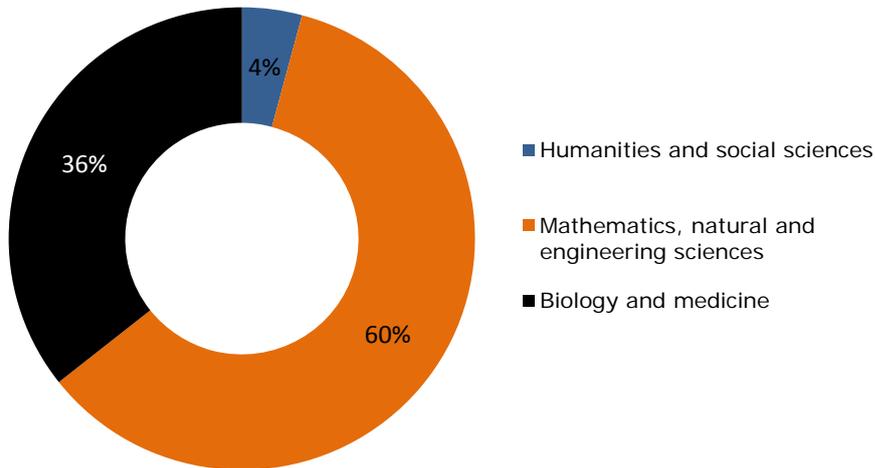


	Number	Amount
Research infrastructures	6	2.7
R'Equip	58	13.7
FORCE/FINES	16	5.2
<b>Total</b>	<b>80</b>	<b>21.6</b>

## 5.2 Funding by research area

Amounts in CHF million

### Distribution of the approved amounts



	Amount
Humanities and social sciences	0.9
Mathematics, natural and engineering sciences	13.0
Biology and medicine	7.7
<b>Total</b>	<b>21.6</b>

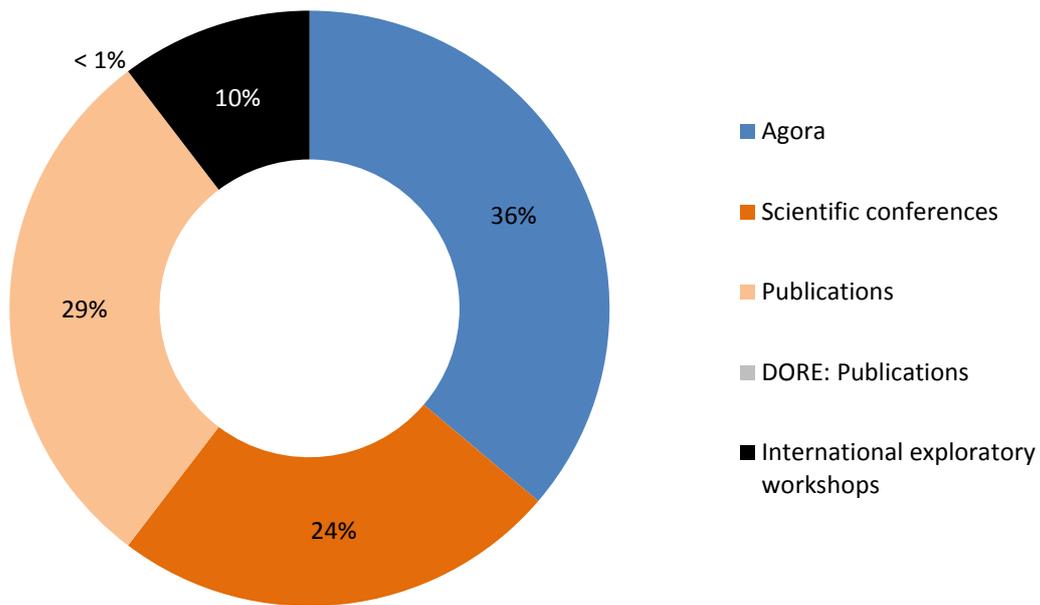
## 6. Science communication

The SNSF promotes communication between researchers as well as between science and society.

### 6.1 Funding by scheme

Amounts in CHF million

Distribution of the approved amounts



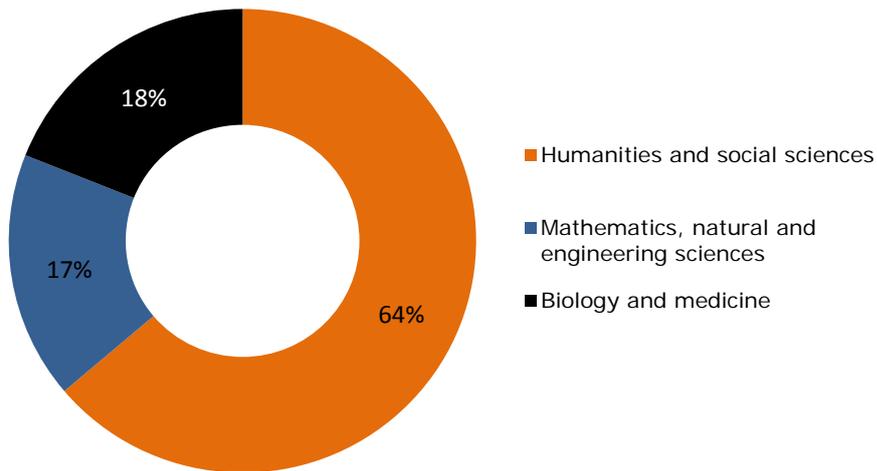
	Number	Amount <sup>1</sup>
Agora	17	2.1
Scientific conferences	196	1.4
Publications	138	1.7
DORE: Publications	1	0.0
International exploratory workshops	43	0.6
<b>Total</b>	<b>395</b>	<b>5.8</b>

<sup>1</sup> Amounts under CHF 0.05 million are shown as zero

## 6.2 Funding by research area

Amounts in CHF million

### Distribution of the approved amounts



	Betrag
Humanities and social sciences	3.7
Mathematics, natural and engineering sciences	1.0
Biology and medicine	1.1
<b>Total</b>	<b>5.8</b>