

Final Report - 8

Bibliometric Analysis of the Czech Republic Research Output in an International Context, 1993-2009

Appendices

CWTS

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Appendix B - Field Composition

Field	Journal Subject Category
AGRICULTURE AND FOOD SCIENCE	AGRICULTURAL ENGINEERING AGRICULTURAL EXPERIMENT STATION REPORTS AGRICULTURE, DAIRY & ANIMAL SCIENCE AGRICULTURE, MULTIDISCIPLINARY AGRONOMY FOOD SCIENCE & TECHNOLOGY NUTRITION & DIETETICS SOIL SCIENCE
ASTRONOMY AND ASTROPHYSICS	ASTRONOMY & ASTROPHYSICS
BASIC LIFE SCIENCES	BIOCHEMICAL RESEARCH METHODS BIOCHEMISTRY & MOLECULAR BIOLOGY BIOPHYSICS BIOTECHNOLOGY & APPLIED MICROBIOLOGY CELL & TISSUE ENGINEERING CELL BIOLOGY DEVELOPMENTAL BIOLOGY GENETICS & HEREDITY MICROBIOLOGY REPRODUCTIVE BIOLOGY
BASIC MEDICAL SCIENCES	CHEMISTRY, MEDICINAL ENGINEERING, BIOMEDICAL MATERIALS SCIENCE, BIOMATERIALS MEDICAL INFORMATICS
BIOLOGICAL SCIENCES	BEHAVIORAL SCIENCES BIOLOGY ENTOMOLOGY EVOLUTIONARY BIOLOGY FISHERIES HORTICULTURE MARINE & FRESHWATER BIOLOGY MATHEMATICAL & COMPUTATIONAL BIOLOGY MYCOLOGY ORNITHOLOGY PLANT SCIENCES ZOOLOGY
BIOMEDICAL SCIENCES	ANATOMY & MORPHOLOGY IMMUNOLOGY INTEGRATIVE & COMPLEMENTARY MEDICINE MEDICAL LABORATORY TECHNOLOGY MEDICINE, RESEARCH & EXPERIMENTAL NEUROIMAGING NEUROSCIENCES PHARMACOLOGY & PHARMACY PHYSIOLOGY RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING TOXICOLOGY VIROLOGY
CHEMISTRY AND CHEMICAL ENGINEERING	CHEMISTRY, ANALYTICAL CHEMISTRY, APPLIED CHEMISTRY, INORGANIC & NUCLEAR CHEMISTRY, MULTIDISCIPLINARY CHEMISTRY, ORGANIC CHEMISTRY, PHYSICAL ELECTROCHEMISTRY ENGINEERING, CHEMICAL MATERIALS SCIENCE, PAPER & WOOD MATERIALS SCIENCE, TEXTILES POLYMER SCIENCE SPECTROSCOPY
CIVIL ENGINEERING AND CONSTRUCTION	CONSTRUCTION & BUILDING TECHNOLOGY ENGINEERING, CIVIL
CLINICAL MEDICINE	ALLERGY ANDROLOGY

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Field	Journal Subject Category
	ANESTHESIOLOGY CARDIAC & CARDIOVASCULAR SYSTEMS CLINICAL NEUROLOGY CRITICAL CARE MEDICINE DENTISTRY, ORAL SURGERY & MEDICINE DERMATOLOGY EMERGENCY MEDICINE ENDOCRINOLOGY & METABOLISM GASTROENTEROLOGY & HEPATOLOGY HEMATOLOGY INFECTIOUS DISEASES MEDICINE, GENERAL & INTERNAL OBSTETRICS & GYNECOLOGY ONCOLOGY OPHTHALMOLOGY ORTHOPEDICS OTORHINOLARYNGOLOGY PARASITOLOGY PATHOLOGY PEDIATRICS PERIPHERAL VASCULAR DISEASE PSYCHIATRY PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH RESPIRATORY SYSTEM RHEUMATOLOGY SURGERY TRANSPLANTATION TROPICAL MEDICINE UROLOGY & NEPHROLOGY VETERINARY SCIENCES
COMPUTER SCIENCES	ARTIFICIAL INTELLIGENCE CYBERNETICS HARDWARE & ARCHITECTURE INFORMATION SYSTEMS INTERDISCIPLINARY APPLICATIONS SOFTWARE ENGINEERING THEORY & METHODS
CREATIVE ARTS, CULTURE AND MUSIC	ARCHITECTURE ART ASIAN STUDIES CLASSICS DANCE FILM, RADIO, TELEVISION FOLKLORE HUMANITIES, MULTIDISCIPLINARY MUSIC THEATER
EARTH SCIENCES AND TECHNOLOGY	ENGINEERING, GEOLOGICAL ENGINEERING, MARINE ENGINEERING, OCEAN GEOCHEMISTRY & GEOPHYSICS GEOGRAPHY, PHYSICAL GEOLOGY GEOSCIENCES, MULTIDISCIPLINARY IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY METEOROLOGY & ATMOSPHERIC SCIENCES MINERALOGY OCEANOGRAPHY PALEONTOLOGY REMOTE SENSING
ECONOMICS AND BUSINESS	AGRICULTURAL ECONOMICS & POLICY BUSINESS BUSINESS, FINANCE ECONOMICS INDUSTRIAL RELATIONS & LABOR
EDUCATIONAL SCIENCES	EDUCATION & EDUCATIONAL RESEARCH EDUCATION, SCIENTIFIC DISCIPLINES EDUCATION, SPECIAL PSYCHOLOGY, EDUCATIONAL
ELECTRICAL ENGINEERING AND	AUTOMATION & CONTROL SYSTEMS

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Field	Journal Subject Category
TELECOMMUNICATION	ENGINEERING, ELECTRICAL & ELECTRONIC ROBOTICS TELECOMMUNICATIONS TRANSPORTATION TRANSPORTATION SCIENCE & TECHNOLOGY
ENERGY SCIENCE AND TECHNOLOGY	ENERGY & FUELS ENGINEERING, PETROLEUM MINING & MINERAL PROCESSING NUCLEAR SCIENCE & TECHNOLOGY
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	BIODIVERSITY CONSERVATION ECOLOGY ENGINEERING, ENVIRONMENTAL ENVIRONMENTAL SCIENCES ENVIRONMENTAL STUDIES FORESTRY GEOGRAPHY LIMNOLOGY URBAN STUDIES WATER RESOURCES
GENERAL AND INDUSTRIAL ENGINEERING	ENGINEERING, INDUSTRIAL ENGINEERING, MANUFACTURING ENGINEERING, MULTIDISCIPLINARY ERGONOMICS
HEALTH SCIENCES	GERIATRICS & GERONTOLOGY GERONTOLOGY HEALTH CARE SCIENCES & SERVICES HEALTH POLICY & SERVICES NURSING REHABILITATION SOCIAL WORK SPORT SCIENCES SUBSTANCE ABUSE
HISTORY, PHILOSOPHY AND RELIGION	ARCHAEOLOGY ETHICS HISTORY HISTORY & PHILOSOPHY OF SCIENCE HISTORY OF SOCIAL SCIENCES MEDICAL ETHICS MEDIÆVAL & RENAISSANCE STUDIES PHILOSOPHY RELIGION
INFORMATION AND COMMUNICATION SCIENCES	COMMUNICATION INFORMATION SCIENCE & LIBRARY SCIENCE
INSTRUMENTS AND INSTRUMENTATION	INSTRUMENTS & INSTRUMENTATION MICROSCOPY
LANGUAGE AND LINGUISTICS	LANGUAGE & LINGUISTICS LINGUISTICS
LAW AND CRIMINOLOGY	CRIMINOLOGY & PENOLOGY LAW MEDICINE, LEGAL
LITERATURE	LITERARY REVIEWS LITERARY THEORY & CRITICISM LITERATURE LITERATURE, AFRICAN, AUSTRALIAN, CANADIAN LITERATURE, AMERICAN LITERATURE, BRITISH ISLES LITERATURE, GERMAN, DUTCH, SCANDINAVIAN LITERATURE, ROMANCE LITERATURE, SLAVIC POETRY
MANAGEMENT AND PLANNING	MANAGEMENT OPERATIONS RESEARCH & MANAGEMENT SCIENCE PLANNING & DEVELOPMENT
MATHEMATICS & STATISTICAL SCIENCES	MATHEMATICS MATHEMATICS, APPLIED MATHEMATICS, INTERDISCIPLINARY APPLICATIONS

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Field	Journal Subject Category
	STATISTICS & PROBABILITY
MECHANICAL ENGINEERING AND AEROSPACE	ACOUSTICS ENGINEERING, AEROSPACE MECHANICS
MULTIDISCIPLINARY JOURNALS	MULTIDISCIPLINARY SCIENCES
PHYSICS AND MATERIALS SCIENCE	CRYSTALLOGRAPHY ENGINEERING, MECHANICAL MATERIALS SCIENCE, CERAMICS MATERIALS SCIENCE, CHARACTERIZATION & TESTING MATERIALS SCIENCE, COATINGS & FILMS MATERIALS SCIENCE, COMPOSITES MATERIALS SCIENCE, MULTIDISCIPLINARY METALLURGY & METALLURGICAL ENGINEERING NANOSCIENCE & NANOTECHNOLOGY OPTICS PHYSICS, APPLIED PHYSICS, ATOMIC, MOLECULAR & CHEMICAL PHYSICS, CONDENSED MATTER PHYSICS, FLUIDS & PLASMAS PHYSICS, MATHEMATICAL PHYSICS, MULTIDISCIPLINARY PHYSICS, NUCLEAR PHYSICS, PARTICLES & FIELDS THERMODYNAMICS
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	INTERNATIONAL RELATIONS POLITICAL SCIENCE PUBLIC ADMINISTRATION
PSYCHOLOGY	PSYCHOLOGY, APPLIED PSYCHOLOGY, BIOLOGICAL PSYCHOLOGY, CLINICAL PSYCHOLOGY, DEVELOPMENTAL PSYCHOLOGY, EXPERIMENTAL PSYCHOLOGY, MATHEMATICAL PSYCHOLOGY, MULTIDISCIPLINARY PSYCHOLOGY, PSYCHOANALYSIS PSYCHOLOGY, SOCIAL
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	DEMOGRAPHY SOCIAL ISSUES SOCIAL SCIENCES, BIOMEDICAL SOCIAL SCIENCES, INTERDISCIPLINARY SOCIAL SCIENCES, MATHEMATICAL METHODS
SOCIOLOGY AND ANTHROPOLOGY	ANTHROPOLOGY AREA STUDIES ETHNIC STUDIES FAMILY STUDIES HOSPITALITY, LEISURE, SPORT & TOURISM SOCIOLOGY WOMEN'S STUDIES

Appendix C - Basic Bibliometric Indicators

A standard set of basic indicators plays a central role in most of our bibliometric evaluation studies. The main focus here will be on three indicators, namely the number of publications (P), the citation per publication ratio (CPP), and comparison of this CPP with the worldwide average 'field citation score' (FCSm) in order to normalize the measured impact in a field-specific way. For a detailed description we refer to our publications given in the literature overview added to this report. In these publications we amply discuss the usefulness of bibliometric (citation-based) impact measurements as a 'proxy' for the assessment of scientific quality.

A first indicator (P) gives the total number of papers published by the unit of analysis during the given period. We considered only normal articles, letters, notes, and reviews. Meeting abstracts, corrections and editorials are not included. In a few cases a paper is published in a journal for which no citation data are available, or in a journal that is not assigned to any Thomson Scientific journal subject category ('field'). These papers are not considered in the calculation of the indicators presented in this report.

The next two indicators give the total number of citations received (C+sc), and the total number of citations received, excluding self citations (C). A self-citation to a paper is a citation given in a publication of which at least one author (either first author or co-author) is also an author of the cited paper (either first author or co-author). The fourth indicator is the average number of citations per publication with exclusion of self-citations (CPP). The fifth indicator in the tables is the percentage of articles not cited during the time period considered (%Pnc).

The sixth indicator gives the ratio between the institution's CPP and the JCSm. For the sake of brevity we denote $CPP/JCSm$. This JCSm is the mean citation rate of the journals in which the institution has published (JCSm, the mean Journal Citation Score), taking into account both the type of paper (e.g., normal article, review), as well as the specific years in which the papers were published. To give an example, the number of citations received during the period 2003-2006 by a letter published in 2003 in journal X, is compared to the average number of citations received during the same period (2003-2006) by all letters published in the same journal (X) in the same year (2003). Of course, an institution as a whole publishes its papers in many journals. Therefore, we calculated a weighted average indicated as JSCm, with the weights determined by the number of papers published in each journal. We corrected for self-citations on this worldwide level.

The seventh indicator gives the ratio between the institution's CPP and the FCSm, the mean Field Citation Score. Again, we denote for brevity's sake $CPP/FCSm$. Our definition of a 'field' is based on a classification of scientific journals into categories developed by Thomson Scientific. Although this classification is far from perfect, it provides a good, first approximation. It is at present the only classification directly compatible with the structure of the data-system. In calculating FCSm, we used a similar procedure as the one we applied in the calculation of JCSm, with journals replaced by fields (i.e., sets of journals). Universities are active in many fields. Thus, we calculated a weighted average value, the weights being determined by the total number of papers the group has published in each field. Again: with corrections for self-citations.

If the ratio $CPP/FCSm$ is above 1.0, the institution is cited more frequently than an 'average' publication in the field(s). In this way, an indication of the international position of an institution, in terms of its impact compared to a worldwide average, is given. This worldwide average is calculated for the total ensemble of articles published in Thomson Scientific journals assigned to a particular field. This indicator $CPP/FCSm$ is our 'crown-indicator', because it emphasizes the position of an institution within worldwide, 'field-normalized' perspectives. About 80 percent of the world's scientific papers are authored by scientists from the United States, Canada, Western Europe, and Japan. Therefore, any 'worldwide average' is dominated by the Western world. If the ratio $CPP/JCSm$ is above 1.0, the institution's papers exceed the mean impact of all articles published in the journals concerned. Thus, $CPP/JCSm$ is the journal-based normalized impact.

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The next indicator is JCSm/FCSm. As can be deduced from the above given definitions, a value above 1.0 means that the citation score of all journals in which the institution has published exceeds the mean citation score of all papers published in the field(s) to which the journals belong. This implies that the institution publishes in journals with a (relatively) high impact.

Finally, we also calculated the percentage of self-citations (% Selfcits), relative to the total number of citations received. As discussed above, self-citations are excluded in the calculation of the ratio's CPP/FCSm and CPP/JCSm.

The percentage of self-citations is influenced by a number of factors, such as the field in which researchers are active; type of articles; age distribution of the articles; size of the aggregation level and number of articles; and the extent to which the papers are cognitively related.

All the above-defined indicators have been calculated with the following counting procedure. If indicators are given for the entire period 1993-2009, citations to 1993 publications are counted for 1993-2009, citations to 1999 publications are counted for 1999-2009, and so on. Next, we conducted a trend analysis, dividing the output in blocks of four years. In this analysis, we applied exactly the same procedure, with only a shorter citation window, which allows observing a possible trend in both output and citation impact.

Appendix D - Annual output numbers for the Czech Republic and its benchmark countries, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AUSTRIA	4752	4978	5635	6051	6626	7182	7416	7473	8172	7970	9046	8700	9720	9388	9612	11374	11590
CZECH REPUBLIC	13	3368	3528	3930	3958	4202	4281	4416	4725	4910	5492	5408	6431	6483	6845	8713	8869
DENMARK	5897	6486	6707	6947	7116	8011	7988	8149	8332	8051	9099	8634	9779	9609	9768	11099	11425
FINLAND	5172	5668	6020	6397	6694	7096	7458	7709	7965	7686	8493	8093	8897	8976	8843	9928	10117
GERMANY	49548	53102	56425	59877	63031	69684	69897	70033	71640	69707	75402	71293	81677	79451	77857	88971	91188
HUNGARY	3047	3096	3372	3425	3587	3963	4166	4225	4480	4297	4779	4529	5320	5048	5016	5988	5833
NETHERLANDS	15956	16843	17923	18446	19155	19922	19777	20028	20473	20522	22845	22141	25783	25707	25667	29445	31157
SLOVENIA	691	739	867	898	1077	1083	1311	1650	1635	1640	1910	1800	2238	2109	2371	3328	3391
SWEDEN	11891	12597	13422	14330	14387	15440	15765	15430	16476	15920	17014	16097	18332	17695	17810	19471	19945

For 1993, publications from the Czech Republic were processed under the former name of the combined republic Czechoslovakia

Appendix E - Bibliometric statistics for the Czech Republic and its benchmark countries, 1993-2009.

Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
AUSTRIA											
1993-2009	135,685	1,973,675	1,567,413	11.55	25%	10.97	10.82	1.05	1.07	0.99	21%
1993-1997	28,042	105,345	71,811	2.56	56%	2.63	2.48	0.97	1.03	0.94	32%
1994-1998	30,472	115,626	78,531	2.58	55%	2.66	2.51	0.97	1.03	0.94	32%
1995-1999	32,910	132,269	90,916	2.76	53%	2.78	2.67	0.99	1.03	0.96	31%
1996-2000	34,748	142,867	98,672	2.84	51%	2.89	2.83	0.98	1.00	0.98	31%
1997-2001	36,869	158,370	111,299	3.02	50%	3.03	2.98	1.00	1.01	0.99	30%
1998-2002	38,213	169,974	121,510	3.18	49%	3.12	3.10	1.02	1.03	0.99	29%
1999-2003	40,077	189,244	137,061	3.42	47%	3.24	3.27	1.05	1.05	1.01	28%
2000-2004	41,361	200,398	145,639	3.52	46%	3.30	3.35	1.07	1.05	1.01	27%
2001-2005	43,608	228,357	167,444	3.84	44%	3.54	3.60	1.08	1.07	1.02	27%
2002-2006	44,824	247,192	182,624	4.07	43%	3.67	3.82	1.11	1.07	1.04	26%
2003-2007	46,466	266,163	197,950	4.26	42%	3.78	3.97	1.13	1.07	1.05	26%
2004-2008	48,794	297,312	222,441	4.56	41%	3.89	4.18	1.17	1.09	1.08	25%
2005-2009	51,684	327,753	244,844	4.74	40%	4.02	4.35	1.18	1.09	1.08	25%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
CZECH REPUBLIC											
1993-2009	85,572	716,375	492,613	5.76	36%	9.05	6.54	0.64	0.88	0.72	31%
1993-1997	14,797	24,757	12,922	0.87	73%	1.63	1.06	0.53	0.82	0.65	48%
1994-1998	18,986	41,849	22,801	1.20	67%	2.25	1.47	0.53	0.82	0.65	46%
1995-1999	19,899	46,651	25,437	1.28	66%	2.37	1.55	0.54	0.82	0.65	45%
1996-2000	20,787	50,487	27,717	1.33	65%	2.48	1.61	0.54	0.83	0.65	45%
1997-2001	21,582	55,418	31,569	1.46	63%	2.57	1.74	0.57	0.84	0.68	43%
1998-2002	22,534	61,315	35,546	1.58	62%	2.64	1.84	0.60	0.86	0.70	42%
1999-2003	23,824	69,481	41,490	1.74	60%	2.76	1.99	0.63	0.88	0.72	40%
2000-2004	24,951	75,578	46,069	1.85	59%	2.85	2.08	0.65	0.89	0.73	39%
2001-2005	26,966	87,918	54,907	2.04	56%	3.03	2.25	0.67	0.90	0.74	38%
2002-2006	28,724	99,373	63,359	2.21	55%	3.14	2.38	0.70	0.93	0.76	36%
2003-2007	30,659	114,257	73,833	2.41	53%	3.22	2.50	0.75	0.96	0.78	35%
2004-2008	33,880	134,351	87,244	2.58	52%	3.30	2.63	0.78	0.98	0.80	35%
2005-2009	37,341	157,770	103,008	2.76	50%	3.47	2.81	0.79	0.98	0.81	35%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
DENMARK											
1993-2009	143,097	2,691,612	2,163,410	15.12	18%	11.95	13.24	1.27	1.14	1.11	20%
1993-1997	33,153	162,588	114,059	3.44	46%	3.02	3.04	1.14	1.13	1.00	30%
1994-1998	35,267	173,517	120,893	3.43	45%	3.01	3.10	1.14	1.11	1.03	30%
1995-1999	36,769	183,941	128,332	3.49	44%	3.03	3.18	1.15	1.10	1.05	30%
1996-2000	38,211	194,054	136,072	3.56	44%	3.05	3.27	1.17	1.09	1.07	30%
1997-2001	39,596	213,001	151,652	3.83	42%	3.17	3.47	1.21	1.10	1.09	29%
1998-2002	40,531	226,750	163,424	4.03	41%	3.30	3.64	1.22	1.11	1.10	28%
1999-2003	41,619	243,967	178,163	4.28	40%	3.42	3.83	1.25	1.12	1.12	27%
2000-2004	42,265	256,283	188,996	4.47	40%	3.47	3.93	1.29	1.14	1.13	26%
2001-2005	43,895	280,859	209,133	4.76	38%	3.66	4.18	1.30	1.14	1.14	26%
2002-2006	45,172	296,298	221,081	4.89	37%	3.78	4.33	1.29	1.13	1.15	25%
2003-2007	46,889	327,771	246,773	5.26	36%	3.93	4.54	1.34	1.16	1.16	25%
2004-2008	48,889	353,536	268,727	5.50	35%	4.06	4.73	1.35	1.16	1.16	24%
2005-2009	51,680	391,931	298,532	5.78	33%	4.23	4.95	1.36	1.17	1.17	24%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
FINLAND											
1993-2009	131,212	2,209,274	1,775,041	13.53	20%	11.34	12.45	1.19	1.09	1.10	20%
1993-1997	29,951	134,352	95,245	3.18	50%	2.68	2.79	1.18	1.14	1.04	29%
1994-1998	31,875	147,741	104,731	3.29	49%	2.72	2.90	1.21	1.13	1.07	29%
1995-1999	33,665	156,843	110,549	3.28	48%	2.78	3.00	1.18	1.10	1.08	30%
1996-2000	35,354	166,969	118,177	3.34	47%	2.82	3.06	1.18	1.09	1.09	29%
1997-2001	36,922	181,702	129,788	3.52	46%	2.94	3.25	1.19	1.08	1.10	29%
1998-2002	37,914	191,194	137,374	3.62	45%	3.06	3.35	1.18	1.08	1.09	28%
1999-2003	39,311	206,766	150,433	3.83	44%	3.26	3.58	1.18	1.07	1.10	27%
2000-2004	39,946	215,540	158,137	3.96	43%	3.30	3.65	1.20	1.08	1.11	27%
2001-2005	41,134	230,277	169,828	4.13	42%	3.46	3.83	1.19	1.08	1.11	26%
2002-2006	42,145	239,210	177,117	4.20	41%	3.52	3.95	1.19	1.06	1.12	26%
2003-2007	43,302	247,518	182,965	4.23	40%	3.63	4.05	1.16	1.04	1.12	26%
2004-2008	44,737	266,282	197,718	4.42	39%	3.78	4.18	1.17	1.06	1.10	26%
2005-2009	46,761	295,207	220,186	4.71	37%	3.93	4.39	1.20	1.07	1.12	25%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
GERMANY											
1993-2009	1,198,783	18,359,597	14,518,829	12.11	24%	11.39	11.34	1.06	1.07	1.00	21%
1993-1997	281,983	1,167,296	801,472	2.84	53%	2.71	2.61	1.05	1.09	0.96	31%
1994-1998	302,119	1,273,419	874,620	2.89	53%	2.73	2.67	1.06	1.08	0.98	31%
1995-1999	318,914	1,378,346	951,819	2.98	51%	2.80	2.78	1.07	1.07	0.99	31%
1996-2000	332,522	1,477,527	1,029,840	3.10	50%	2.88	2.89	1.07	1.07	1.00	30%
1997-2001	344,285	1,591,481	1,123,600	3.26	49%	3.02	3.05	1.08	1.07	1.01	29%
1998-2002	350,961	1,692,450	1,211,952	3.45	48%	3.15	3.20	1.10	1.08	1.02	28%
1999-2003	356,679	1,802,553	1,304,215	3.66	46%	3.30	3.40	1.11	1.08	1.03	28%
2000-2004	358,075	1,858,646	1,353,202	3.78	46%	3.38	3.50	1.12	1.08	1.04	27%
2001-2005	369,719	2,027,302	1,483,583	4.01	44%	3.57	3.71	1.12	1.08	1.04	27%
2002-2006	377,530	2,144,879	1,575,815	4.17	43%	3.69	3.88	1.13	1.08	1.05	27%
2003-2007	385,680	2,264,349	1,664,237	4.32	42%	3.81	4.03	1.13	1.07	1.06	27%
2004-2008	399,249	2,455,705	1,814,802	4.55	41%	3.96	4.23	1.15	1.07	1.07	26%
2005-2009	419,144	2,721,355	2,015,260	4.81	39%	4.13	4.47	1.16	1.08	1.08	26%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
HUNGARY											
1993-2009	74,171	797,784	592,208	7.98	29%	10.30	8.92	0.78	0.90	0.87	26%
1993-1997	16,527	44,763	27,357	1.66	63%	2.49	2.02	0.66	0.82	0.81	39%
1994-1998	17,443	48,527	29,582	1.70	62%	2.45	2.04	0.69	0.83	0.83	39%
1995-1999	18,513	52,092	31,737	1.71	61%	2.48	2.04	0.69	0.84	0.82	39%
1996-2000	19,366	56,214	34,268	1.77	59%	2.55	2.16	0.69	0.82	0.85	39%
1997-2001	20,421	62,648	39,095	1.91	58%	2.70	2.28	0.71	0.84	0.85	38%
1998-2002	21,131	68,442	43,868	2.08	56%	2.83	2.42	0.73	0.86	0.86	36%
1999-2003	21,947	76,043	50,280	2.29	55%	3.00	2.61	0.76	0.88	0.87	34%
2000-2004	22,310	83,014	56,089	2.51	53%	3.10	2.74	0.81	0.92	0.88	32%
2001-2005	23,405	95,981	66,243	2.83	51%	3.30	2.94	0.86	0.96	0.89	31%
2002-2006	23,973	105,724	74,491	3.11	49%	3.42	3.13	0.91	0.99	0.91	30%
2003-2007	24,692	110,637	78,778	3.19	48%	3.57	3.28	0.89	0.97	0.92	29%
2004-2008	25,901	120,651	86,798	3.35	46%	3.71	3.43	0.90	0.98	0.93	28%
2005-2009	27,205	132,414	96,039	3.53	45%	3.83	3.58	0.92	0.99	0.93	27%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
THE NETHERLANDS											
1993-2009	371,790	6,871,365	5,619,692	15.12	19%	11.67	13.66	1.30	1.11	1.17	18%
1993-1997	88,323	427,456	304,431	3.45	47%	2.86	3.17	1.20	1.09	1.11	29%
1994-1998	92,289	460,499	330,077	3.58	46%	2.88	3.27	1.24	1.10	1.13	28%
1995-1999	95,223	490,494	354,671	3.72	44%	2.98	3.40	1.25	1.09	1.14	28%
1996-2000	97,328	508,156	370,511	3.81	44%	3.04	3.47	1.25	1.10	1.14	27%
1997-2001	99,355	546,828	404,320	4.07	43%	3.18	3.67	1.28	1.11	1.16	26%
1998-2002	100,722	563,231	419,058	4.16	42%	3.25	3.79	1.28	1.10	1.16	26%
1999-2003	103,645	600,750	450,544	4.35	41%	3.36	3.97	1.29	1.10	1.18	25%
2000-2004	106,009	622,166	468,597	4.42	41%	3.41	4.05	1.30	1.09	1.19	25%
2001-2005	111,764	694,361	527,092	4.72	39%	3.58	4.25	1.32	1.11	1.19	24%
2002-2006	116,998	756,539	576,828	4.93	38%	3.72	4.45	1.33	1.11	1.20	24%
2003-2007	122,143	824,247	630,338	5.16	37%	3.87	4.64	1.33	1.11	1.20	24%
2004-2008	128,743	904,800	694,163	5.39	36%	4.03	4.90	1.34	1.10	1.22	23%
2005-2009	137,759	1,009,558	776,101	5.63	34%	4.19	5.14	1.34	1.10	1.23	23%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
SLOVENIA											
1993-2009	28,738	224,206	159,261	5.54	37%	7.67	6.35	0.72	0.87	0.83	29%
1993-1997	4,272	10,451	6,310	1.48	63%	2.03	1.75	0.73	0.84	0.86	40%
1994-1998	4,664	10,603	6,200	1.33	64%	2.03	1.70	0.66	0.78	0.84	42%
1995-1999	5,236	12,747	7,358	1.41	65%	1.97	1.71	0.71	0.82	0.87	42%
1996-2000	6,019	14,117	8,047	1.34	66%	1.92	1.60	0.70	0.84	0.83	43%
1997-2001	6,756	16,148	9,301	1.38	64%	2.03	1.65	0.68	0.83	0.81	42%
1998-2002	7,319	18,357	10,874	1.49	63%	2.16	1.76	0.69	0.84	0.82	41%
1999-2003	8,146	21,531	13,118	1.61	62%	2.39	1.87	0.67	0.86	0.78	39%
2000-2004	8,635	23,136	14,427	1.67	60%	2.56	1.98	0.65	0.84	0.78	38%
2001-2005	9,223	26,697	17,156	1.86	58%	2.64	2.09	0.70	0.89	0.79	36%
2002-2006	9,697	29,580	19,270	1.99	56%	2.80	2.25	0.71	0.88	0.80	35%
2003-2007	10,428	32,676	21,607	2.07	55%	2.87	2.39	0.72	0.87	0.83	34%
2004-2008	11,846	38,069	25,076	2.12	55%	2.83	2.39	0.75	0.89	0.85	34%
2005-2009	13,437	46,205	30,981	2.31	53%	2.95	2.54	0.78	0.91	0.86	33%

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Period	P	C+sc	C	CPP	% Pnc	JCSm	FCSm	CPP/ FCSm	CPP/ JCSm	JCSm/ FCSm	% Self- Citations
SWEDEN											
1993-2009	272,022	4,934,775	4,002,460	14.71	18%	12.30	13.25	1.20	1.11	1.08	19%
1993-1997	66,627	319,070	222,636	3.34	47%	2.98	3.03	1.12	1.10	1.02	30%
1994-1998	70,176	344,523	242,535	3.46	46%	3.02	3.12	1.14	1.11	1.03	30%
1995-1999	73,344	362,988	256,197	3.49	45%	3.07	3.18	1.14	1.10	1.04	29%
1996-2000	75,352	379,842	272,087	3.61	44%	3.13	3.28	1.15	1.10	1.05	28%
1997-2001	77,498	400,435	290,348	3.75	43%	3.21	3.39	1.17	1.11	1.05	27%
1998-2002	79,031	416,803	304,771	3.86	43%	3.30	3.51	1.17	1.10	1.06	27%
1999-2003	80,605	439,318	324,723	4.03	41%	3.45	3.69	1.17	1.09	1.07	26%
2000-2004	80,937	454,814	339,688	4.20	41%	3.53	3.82	1.19	1.10	1.08	25%
2001-2005	83,839	498,221	375,711	4.48	39%	3.75	4.05	1.19	1.11	1.08	25%
2002-2006	85,058	517,765	392,177	4.61	38%	3.86	4.18	1.20	1.10	1.08	24%
2003-2007	86,948	549,982	417,608	4.80	38%	3.96	4.34	1.21	1.11	1.10	24%
2004-2008	89,405	589,273	450,117	5.03	36%	4.10	4.56	1.23	1.10	1.11	24%
2005-2009	93,253	646,038	494,791	5.31	35%	4.25	4.83	1.25	1.10	1.13	23%

Appendix F - Annual output numbers 1993-2009

Annual output numbers for the Czech Republic across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	0	218	205	230	223	207	195	228	246	225	230	204	232	228	250	497	473
ASTRONOMY AND ASTROPHYSICS	0	54	80	93	103	87	94	99	103	98	107	119	159	185	148	222	189
BASIC LIFE SCIENCES	0	388	354	440	494	469	476	532	572	577	667	652	747	723	815	918	912
BASIC MEDICAL SCIENCES	0	30	27	41	48	37	39	44	39	49	68	45	64	94	96	94	95
BIOLOGICAL SCIENCES	0	282	302	350	341	292	354	364	353	389	439	465	545	559	650	800	827
BIOMEDICAL SCIENCES	0	259	293	360	440	398	409	392	458	449	532	541	624	606	755	967	894
CHEMISTRY AND CHEMICAL ENGINEERING	8	869	820	1050	940	1094	986	966	1025	1087	1115	1170	1254	1384	1454	1516	1682
CIVIL ENGINEERING AND CONSTRUCTION	0	9	19	7	8	8	13	16	12	13	16	15	19	32	28	34	59
CLINICAL MEDICINE	1	341	375	414	482	506	537	583	665	683	876	781	980	970	1162	1603	1371
COMPUTER SCIENCES	0	66	101	101	89	104	109	153	145	125	321	289	323	334	191	251	219
CREATIVE ARTS, CULTURE AND MUSIC	0	3	5	7	2	14	6	9	6	10	5	4	20	17	18	11	40
EARTH SCIENCES AND TECHNOLOGY	0	99	135	144	118	143	163	156	168	166	223	207	221	286	237	438	412
ECONOMICS AND BUSINESS	0	75	55	50	68	53	106	105	94	119	71	87	83	75	89	225	213
EDUCATIONAL SCIENCES	0	2	1	5	3	0	2	4	1	7	5	5	3	1	6	18	13
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	0	83	52	45	56	54	58	67	67	59	80	94	87	103	87	229	186
ENERGY SCIENCE AND TECHNOLOGY	0	82	75	76	88	92	94	73	91	105	110	130	121	153	131	292	213
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

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ENVIRONMENTAL SCIENCES AND TECHNOLOGY	o	89	114	113	120	105	127	126	164	196	203	237	248	302	309	402	477
GENERAL AND INDUSTRIAL ENGINEERING	o	9	7	19	12	15	10	13	12	20	20	11	30	25	29	43	56
HEALTH SCIENCES	o	11	20	8	27	15	12	16	13	7	20	11	18	25	35	32	31
HISTORY, PHILOSOPHY AND RELIGION	1	42	27	33	23	64	34	30	14	32	17	16	44	40	46	52	89
INFORMATION AND COMMUNICATION SCIENCES	o	1	4	1	0	0	0	3	0	0	3	4	1	3	4	8	3
INSTRUMENTS AND INSTRUMENTATION	o	41	45	47	57	61	68	55	69	70	76	89	94	88	109	121	155
LANGUAGE AND LINGUISTICS	o	2	2	2	1	1	3	3	2	0	0	1	4	4	2	3	18
LAW AND CRIMINOLOGY	o	2	4	0	1	7	3	4	3	5	1	3	4	6	5	10	3
LITERATURE	o	16	28	20	19	25	28	17	16	10	5	0	26	31	19	23	25
MANAGEMENT AND PLANNING	o	6	11	9	4	8	10	7	18	9	7	7	11	12	11	34	60
MATHEMATICS & STATISTICAL SCIENCES	o	152	197	175	220	187	213	237	269	241	285	245	266	320	375	493	496
MECHANICAL ENGINEERING AND AEROSPACE	o	40	25	51	70	31	35	45	43	37	46	51	51	73	75	86	77
MULTIDISCIPLINARY JOURNALS	o	8	14	13	28	7	23	18	21	24	15	21	25	34	39	37	58
PHYSICS AND MATERIALS SCIENCE	3	752	842	892	907	1054	1159	1093	1187	1370	1317	1301	1643	1511	1568	1712	1877
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	o	75	52	47	59	43	47	45	50	45	37	49	42	44	44	55	49
PSYCHOLOGY	o	46	59	56	49	56	43	45	41	43	39	50	46	58	76	67	62
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	o	8	2	5	7	7	5	1	4	5	6	8	3	5	7	8	8
SOCIOLOGY AND ANTHROPOLOGY	o	41	25	37	29	27	34	31	29	40	20	48	37	36	50	72	65

For 1993, publications from the Czech Republic were still processed under the former name of the combined republic Czechoslovakia

Annual output numbers for Austria across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	101	100	108	100	169	150	143	174	172	175	201	158	206	217	221	311	295
ASTRONOMY AND ASTROPHYSICS	46	60	70	81	116	128	123	107	138	138	164	175	189	207	192	265	310
BASIC LIFE SCIENCES	504	569	670	710	885	884	907	910	977	1031	1083	1029	1163	1161	1272	1376	1441
BASIC MEDICAL SCIENCES	61	72	90	117	101	116	128	96	118	126	145	140	176	164	187	224	235
BIOLOGICAL SCIENCES	248	247	279	287	313	340	379	361	404	411	465	446	518	526	559	636	698
BIOMEDICAL SCIENCES	729	656	799	985	1009	1056	1115	1058	1169	1149	1230	1197	1325	1238	1218	1503	1357
CHEMISTRY AND CHEMICAL ENGINEERING	614	627	751	717	851	860	896	870	1044	902	1022	1025	1113	1000	1037	1193	1263
CIVIL ENGINEERING AND CONSTRUCTION	8	5	18	12	11	25	17	18	16	19	25	23	22	37	54	109	107
CLINICAL MEDICINE	1563	1727	1854	1962	2241	2471	2535	2569	2737	2642	2969	2790	3129	2945	3124	3465	3507
COMPUTER SCIENCES	199	146	169	190	164	230	263	251	275	288	541	532	534	569	313	352	358
CREATIVE ARTS, CULTURE AND MUSIC	27	36	30	39	56	42	60	58	37	48	36	29	46	54	31	36	67
EARTH SCIENCES AND TECHNOLOGY	112	109	143	152	168	168	228	252	340	318	310	348	333	395	379	481	607
ECONOMICS AND BUSINESS	56	44	57	68	52	65	53	62	72	78	95	107	126	106	145	198	193
EDUCATIONAL SCIENCES	5	7	6	8	4	9	10	12	6	15	15	19	13	13	6	22	25
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	89	120	109	111	89	140	115	158	154	157	189	178	195	216	224	240	300
ENERGY SCIENCE AND TECHNOLOGY	105	103	109	121	90	100	115	119	148	140	150	165	131	165	186	242	189

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY 123	131	161	155	174	206	254	232	296	286	338	335	364	412	464	644	615	
GENERAL AND INDUSTRIAL ENGINEERING	19	24	25	26	21	37	21	35	33	34	49	46	48	48	56	87	74
HEALTH SCIENCES	21	20	30	44	55	58	69	76	112	72	125	101	117	115	121	187	184
HISTORY, PHILOSOPHY AND RELIGION	36	42	30	21	21	30	33	37	48	41	33	30	64	47	47	62	88
INFORMATION AND COMMUNICATION SCIENCES 3	4	11	7	4	10	16	8	11	15	15	9	10	8	7	15	21	
INSTRUMENTS AND INSTRUMENTATION	70	78	85	91	89	73	69	94	86	93	118	93	133	110	140	147	140
LANGUAGE AND LINGUISTICS	10	14	3	21	10	17	15	14	17	19	14	20	23	13	15	26	37
LAW AND CRIMINOLOGY	7	7	17	17	24	21	16	20	17	20	18	22	23	21	30	44	33
LITERATURE	12	12	36	22	24	30	24	16	13	22	25	14	42	14	20	22	29
MANAGEMENT AND PLANNING	24	27	43	34	42	53	60	62	60	55	65	56	52	62	75	97	135
MATHEMATICS & STATISTICAL SCIENCES	187	194	206	213	257	239	239	264	325	303	330	322	368	378	413	514	539
MECHANICAL ENGINEERING AND AEROSPACE	80	92	51	88	90	95	65	85	143	107	110	99	103	90	128	107	117
MULTIDISCIPLINARY JOURNALS	51	49	41	55	53	77	69	42	57	56	55	73	93	72	103	106	109
PHYSICS AND MATERIALS SCIENCE	757	829	1018	1159	1073	1208	1255	1283	1327	1331	1502	1436	1669	1527	1622	1880	1754
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	34	29	28	36	21	40	33	34	25	12	29	23	30	29	30	47	71
PSYCHOLOGY	37	67	57	76	78	74	69	62	87	78	114	105	115	126	118	175	198
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	39	21	29	22	13	17	26	21	23	24	48	40	44	46	41	76	65
SOCIOLOGY AND ANTHROPOLOGY	20	25	17	12	12	14	23	32	20	21	24	34	19	26	38	48	57

Annual output numbers for Denmark across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	211	256	347	314	318	447	397	494	437	480	573	537	524	554	612	643	572
ASTRONOMY AND ASTROPHYSICS	88	108	111	128	138	161	172	182	161	173	177	164	158	185	167	170	210
BASIC LIFE SCIENCES	973	1020	1117	1111	1181	1281	1296	1231	1357	1271	1389	1367	1481	1420	1458	1622	1630
BASIC MEDICAL SCIENCES	45	64	68	87	88	94	83	95	103	107	132	133	161	149	155	172	172
BIOLOGICAL SCIENCES	365	441	482	424	563	588	637	661	653	679	748	641	738	704	764	820	855
BIOMEDICAL SCIENCES	961	1025	965	1009	1040	1156	1127	1165	1177	1144	1287	1177	1380	1412	1476	1495	1625
CHEMISTRY AND CHEMICAL ENGINEERING	521	574	624	597	678	758	747	747	760	724	760	782	889	815	844	941	1015
CIVIL ENGINEERING AND CONSTRUCTION	37	43	54	33	58	69	58	46	41	68	66	67	68	79	101	87	89
CLINICAL MEDICINE	2132	2293	2246	2284	2253	2395	2494	2429	2465	2389	2769	2508	3097	2984	3190	3543	3572
COMPUTER SCIENCES	161	143	102	169	136	170	245	233	201	199	370	384	352	366	200	208	232
CREATIVE ARTS, CULTURE AND MUSIC	14	15	20	15	23	17	13	19	17	13	14	18	30	37	25	36	31
EARTH SCIENCES AND TECHNOLOGY	185	213	261	280	277	355	376	407	450	427	497	416	431	508	534	558	517
ECONOMICS AND BUSINESS	62	67	62	85	74	103	93	102	115	120	122	123	172	151	155	213	235
EDUCATIONAL SCIENCES	6	11	13	14	3	9	3	9	10	11	15	11	13	14	17	38	51
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	92	111	113	96	100	128	157	158	154	119	159	176	198	231	215	222	273
ENERGY SCIENCE AND TECHNOLOGY	96	85	96	112	90	107	77	132	105	113	121	115	118	161	145	166	190

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	222	278	347	378	332	478	446	461	478	531	541	551	589	625	672	781	804
GENERAL AND INDUSTRIAL ENGINEERING	22	49	49	51	37	70	48	47	89	60	82	90	79	70	91	100	97
HEALTH SCIENCES	71	76	96	91	88	157	130	149	143	166	187	178	221	246	247	324	334
HISTORY, PHILOSOPHY AND RELIGION	30	22	36	36	23	26	34	49	39	46	28	46	56	46	56	102	149
INFORMATION AND COMMUNICATION SCIENCES	9	10	6	23	13	19	21	32	20	19	14	31	28	24	22	47	46
INSTRUMENTS AND INSTRUMENTATION	48	45	60	76	67	58	69	74	83	74	83	79	85	80	79	103	77
LANGUAGE AND LINGUISTICS	7	13	16	13	13	21	10	15	16	21	21	14	20	10	12	34	48
LAW AND CRIMINOLOGY	19	17	17	18	14	17	19	14	9	22	14	13	15	25	24	36	31
LITERATURE	17	7	11	9	7	20	14	15	27	24	17	12	28	15	14	19	13
MANAGEMENT AND PLANNING	22	31	40	50	50	58	57	70	79	71	87	71	92	79	106	130	171
MATHEMATICS & STATISTICAL SCIENCES	127	147	178	186	190	197	219	190	206	208	239	229	217	224	202	242	279
MECHANICAL ENGINEERING AND AEROSPACE	60	63	57	89	77	101	88	80	104	94	115	104	120	125	118	164	145
MULTIDISCIPLINARY JOURNALS	67	79	61	66	69	90	83	67	57	83	115	76	83	114	125	110	122
PHYSICS AND MATERIALS SCIENCE	821	964	938	1029	1148	1215	1149	1140	1136	1067	1111	1089	1212	1043	1127	1307	1316
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	18	20	15	20	25	30	35	33	39	25	34	41	56	45	70	83	74
PSYCHOLOGY	46	41	44	44	26	44	51	60	59	65	74	78	99	87	120	110	150
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	18	22	33	22	29	31	30	34	41	40	64	58	71	66	61	100	97
SOCIOLOGY AND ANTHROPOLOGY	11	17	18	26	17	17	26	30	33	33	31	44	47	39	53	90	95

Annual output numbers for Finland across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	221	208	210	226	271	300	279	313	270	326	316	297	343	380	358	420	409
ASTRONOMY AND ASTROPHYSICS	84	102	92	106	108	139	128	152	173	164	186	168	210	238	184	252	262
BASIC LIFE SCIENCES	720	685	825	788	839	875	978	939	1037	1073	1025	1000	1098	1096	1138	1154	1165
BASIC MEDICAL SCIENCES	43	70	70	89	85	105	80	84	91	100	110	85	117	149	110	158	137
BIOLOGICAL SCIENCES	305	326	380	417	414	486	477	465	475	479	514	526	561	597	569	640	665
BIOMEDICAL SCIENCES	771	805	931	936	930	959	1044	977	1088	975	1133	969	1080	1029	1022	1107	1119
CHEMISTRY AND CHEMICAL ENGINEERING	550	588	657	671	745	747	828	802	858	888	914	925	965	998	949	1034	1105
CIVIL ENGINEERING AND CONSTRUCTION	8	32	26	12	19	26	21	25	19	46	42	24	27	39	41	56	54
CLINICAL MEDICINE	1849	2053	2102	2202	2377	2288	2453	2491	2491	2276	2388	2264	2498	2392	2390	2676	2552
COMPUTER SCIENCES	172	140	134	193	149	231	240	264	242	238	441	436	476	519	294	329	316
CREATIVE ARTS, CULTURE AND MUSIC	16	11	10	13	14	15	16	23	21	12	22	25	19	17	31	37	46
EARTH SCIENCES AND TECHNOLOGY	121	122	149	226	191	219	214	278	279	282	354	304	383	356	405	482	446
ECONOMICS AND BUSINESS	79	91	52	62	45	75	69	74	93	72	80	86	111	119	126	187	192
EDUCATIONAL SCIENCES	12	13	26	19	24	32	37	36	43	31	53	39	56	43	47	97	104
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	121	136	161	164	149	215	253	221	258	284	363	294	366	439	399	415	465
ENERGY SCIENCE AND TECHNOLOGY	105	91	102	106	77	103	106	106	120	124	151	155	166	190	167	186	196

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	267	346	360	414	442	489	505	540	661	727	713	714	834	795	863	915	921
GENERAL AND INDUSTRIAL ENGINEERING	47	49	62	64	49	71	54	63	77	87	87	90	83	109	88	119	150
HEALTH SCIENCES	113	137	151	197	206	228	222	243	262	230	277	235	236	294	298	348	353
HISTORY, PHILOSOPHY AND RELIGION	23	20	17	18	41	30	38	30	42	30	33	45	47	40	46	81	101
INFORMATION AND COMMUNICATION SCIENCES	14	13	13	14	21	14	25	13	30	21	40	40	34	45	50	40	59
INSTRUMENTS AND INSTRUMENTATION	56	68	79	76	83	80	100	87	95	97	100	102	104	109	111	131	149
LANGUAGE AND LINGUISTICS	15	13	10	17	7	13	22	34	25	22	20	27	31	32	29	42	52
LAW AND CRIMINOLOGY	5	11	11	22	16	16	9	12	19	12	25	22	19	17	23	29	24
LITERATURE	7	7	6	6	5	6	6	5	10	5	4	4	8	8	8	11	6
MANAGEMENT AND PLANNING	36	50	57	59	50	78	55	63	89	84	83	78	91	99	107	153	219
MATHEMATICS & STATISTICAL SCIENCES	120	135	124	138	136	147	184	200	172	198	213	191	179	221	243	292	281
MECHANICAL ENGINEERING AND AEROSPACE	26	20	39	38	32	33	35	41	62	58	55	68	67	100	81	99	108
MULTIDISCIPLINARY JOURNALS	41	29	32	54	43	37	57	65	40	40	35	39	44	47	71	68	83
PHYSICS AND MATERIALS SCIENCE	564	689	726	793	815	881	940	1010	1027	1022	1130	1093	1131	1222	1192	1360	1410
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	10	11	11	11	19	20	16	12	14	13	19	26	24	25	29	34	42
PSYCHOLOGY	78	83	94	102	105	125	132	137	137	138	171	160	184	162	191	202	231
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	18	33	25	19	32	58	30	47	51	51	51	59	51	59	56	75	78
SOCIOLOGY AND ANTHROPOLOGY	8	21	21	25	21	30	27	16	16	29	43	35	30	37	44	72	80

Annual output numbers for Germany across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	1292	1315	1476	1399	1643	1682	1560	1626	1538	1716	1656	1474	2009	1866	1964	2517	2349
ASTRONOMY AND ASTROPHYSICS	990	1283	1379	1526	1555	1631	1581	1749	1789	1993	1973	2082	2062	2258	2114	2603	2729
BASIC LIFE SCIENCES	5895	6477	7157	7543	7961	8397	8585	8338	8617	8345	8981	8562	9857	9562	9567	10406	10197
BASIC MEDICAL SCIENCES	591	677	675	709	659	882	780	863	909	965	977	941	1134	1147	1269	1426	1543
BIOLOGICAL SCIENCES	2402	2436	2784	2770	2915	3189	3219	3373	3233	3256	3571	3391	4149	3988	4225	4736	4754
BIOMEDICAL SCIENCES	5961	6165	6741	7248	7882	8793	8784	8720	8961	8938	9357	8861	10009	9746	9766	11026	11143
CHEMISTRY AND CHEMICAL ENGINEERING	8873	9043	9957	9966	10267	11136	10644	10136	10458	10001	10352	10222	11408	10675	10551	11483	12063
CIVIL ENGINEERING AND CONSTRUCTION	150	173	172	142	176	183	169	164	161	218	183	181	209	416	315	889	618
CLINICAL MEDICINE	11317	12802	13149	14101	15606	17093	17656	17729	18201	17850	18970	17469	20497	19504	20312	22905	23419
COMPUTER SCIENCES	1624	1077	1059	1392	1324	1654	1984	2048	1983	1765	3238	3450	3443	3700	1630	1740	1900
CREATIVE ARTS, CULTURE AND MUSIC	230	265	257	236	272	296	273	352	260	241	241	222	320	219	246	239	374
EARTH SCIENCES AND TECHNOLOGY	1203	1315	1568	1615	1853	1983	2454	2565	2550	2392	3017	2754	3261	3245	3252	3805	4095
ECONOMICS AND BUSINESS	338	254	271	265	300	376	392	463	469	470	556	599	684	816	857	1279	1398
EDUCATIONAL SCIENCES	160	112	176	129	152	152	154	174	131	171	192	203	209	244	313	362	391
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	1157	1411	1330	1442	1324	1517	1524	1566	1657	1418	1610	1490	1568	1705	1721	2027	2119
ENERGY SCIENCE AND TECHNOLOGY	1140	1175	1228	1222	1263	1294	1267	1327	1476	1358	1585	1208	1369	1486	1450	1413	1747

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	974	1164	1166	1205	1410	1641	1771	1719	1769	2006	2023	1979	2557	2706	2808	3431	3497
GENERAL AND INDUSTRIAL ENGINEERING	227	279	284	334	324	406	331	326	407	396	430	390	456	523	576	677	716
HEALTH SCIENCES	202	226	250	256	343	424	459	474	573	612	645	643	801	806	868	1068	1142
HISTORY, PHILOSOPHY AND RELIGION	375	395	380	379	450	519	561	585	599	571	464	511	648	505	525	660	858
INFORMATION AND COMMUNICATION SCIENCES	64	54	133	83	86	94	123	94	154	83	107	63	72	88	97	144	157
INSTRUMENTS AND INSTRUMENTATION	764	854	996	999	1018	1049	1065	1010	1085	998	1098	968	1023	1029	1010	1106	1047
LANGUAGE AND LINGUISTICS	134	136	125	151	173	203	185	252	217	163	152	236	261	208	186	278	300
LAW AND CRIMINOLOGY	134	134	193	171	214	170	198	222	186	183	190	177	194	198	190	353	330
LITERATURE	162	181	178	161	211	277	252	241	196	204	152	220	336	228	188	212	222
MANAGEMENT AND PLANNING	150	199	223	193	235	268	282	288	356	272	333	304	340	421	433	529	648
MATHEMATICS & STATISTICAL SCIENCES	1767	1819	1893	2067	2119	2362	2387	2622	2502	2315	2519	2239	2503	2577	2434	3200	3243
MECHANICAL ENGINEERING AND AEROSPACE	813	829	758	875	830	811	759	1005	1006	874	873	796	944	1036	972	1150	1095
MULTIDISCIPLINARY JOURNALS	531	598	588	726	570	650	816	650	645	652	629	694	767	746	820	831	1005
PHYSICS AND MATERIALS SCIENCE	10851	11956	12744	13984	14297	16359	15667	15530	16139	15992	16712	15210	17591	16654	16446	18250	18353
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	255	244	228	241	203	207	242	210	229	221	263	235	278	326	331	411	429
PSYCHOLOGY	634	728	779	844	814	1019	986	1036	1179	1128	1188	1162	1316	1519	1549	1883	2057
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	231	141	163	139	146	166	146	210	191	195	196	216	213	289	247	359	384
SOCIOLOGY AND ANTHROPOLOGY	145	165	186	201	166	171	210	208	187	225	235	233	245	252	295	400	436

Annual output numbers for Hungary across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	127	150	163	158	157	182	142	165	189	166	221	124	294	325	346	532	304
ASTRONOMY AND ASTROPHYSICS	44	44	44	62	66	63	56	80	89	97	84	96	84	93	120	103	142
BASIC LIFE SCIENCES	391	380	402	409	440	472	592	511	570	585	640	638	697	707	660	806	751
BASIC MEDICAL SCIENCES	28	31	30	33	53	68	65	60	66	65	52	63	68	77	62	79	96
BIOLOGICAL SCIENCES	175	190	215	196	148	238	260	233	240	238	272	286	348	321	343	408	461
BIOMEDICAL SCIENCES	356	409	381	390	461	521	580	570	629	590	574	635	713	692	698	769	810
CHEMISTRY AND CHEMICAL ENGINEERING	792	771	900	893	1008	963	1065	981	1028	932	916	985	1017	929	916	946	1016
CIVIL ENGINEERING AND CONSTRUCTION	4	3	5	3	2	3	8	9	6	8	8	8	4	13	12	38	38
CLINICAL MEDICINE	491	449	494	565	595	634	667	748	834	837	896	860	1008	1018	998	1197	1160
COMPUTER SCIENCES	110	116	99	104	107	135	171	147	161	148	244	230	231	245	147	137	178
CREATIVE ARTS, CULTURE AND MUSIC	7	7	13	16	5	7	10	9	4	20	8	2	8	8	8	18	53
EARTH SCIENCES AND TECHNOLOGY	43	68	74	51	77	76	94	94	86	80	89	99	135	130	153	204	194
ECONOMICS AND BUSINESS	26	33	32	22	21	17	17	21	12	21	18	13	23	30	28	56	49
EDUCATIONAL SCIENCES	5	4	10	9	11	8	4	8	7	4	6	15	8	8	6	18	13
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	65	71	51	52	62	83	83	68	64	88	95	87	86	72	77	99	140
ENERGY SCIENCE AND TECHNOLOGY	82	101	80	123	112	93	141	109	75	107	144	83	149	92	137	134	135

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	62	68	68	92	64	75	113	72	105	134	117	120	152	175	143	229	250
GENERAL AND INDUSTRIAL ENGINEERING	17	17	19	15	8	21	9	20	28	20	32	22	41	27	33	51	48
HEALTH SCIENCES	18	14	29	18	20	12	13	24	30	17	27	22	28	37	73	45	49
HISTORY, PHILOSOPHY AND RELIGION	9	11	16	12	13	8	9	15	21	21	12	8	21	14	20	35	89
INFORMATION AND COMMUNICATION SCIENCES	8	11	15	14	6	6	9	8	10	13	10	7	10	18	11	14	23
INSTRUMENTS AND INSTRUMENTATION	47	81	54	80	63	50	91	63	68	81	85	61	101	68	81	68	97
LANGUAGE AND LINGUISTICS	7	6	11	6	6	10	4	5	6	9	6	8	9	10	8	29	44
LAW AND CRIMINOLOGY	4	0	6	5	2	5	7	6	8	6	5	1	9	4	6	8	8
LITERATURE	31	14	28	20	20	19	15	19	28	26	19	25	18	11	15	15	31
MANAGEMENT AND PLANNING	25	22	24	23	11	13	27	25	16	21	21	24	33	24	28	50	36
MATHEMATICS & STATISTICAL SCIENCES	219	253	271	239	229	305	314	303	354	295	351	291	348	325	316	389	453
MECHANICAL ENGINEERING AND AEROSPACE	14	22	17	28	28	23	14	23	49	25	32	36	27	44	55	45	53
MULTIDISCIPLINARY JOURNALS	34	33	23	27	32	43	30	35	32	31	34	49	34	37	54	39	60
PHYSICS AND MATERIALS SCIENCE	513	573	620	722	718	824	833	942	906	900	1083	882	1133	926	984	1031	942
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	23	19	22	13	17	11	6	13	14	14	15	15	11	20	16	34	22
PSYCHOLOGY	12	21	16	23	18	24	21	21	42	18	33	33	35	33	36	47	62
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	12	11	6	17	10	12	15	6	4	19	15	9	10	14	9	8	14
SOCIOLOGY AND ANTHROPOLOGY	14	8	17	12	6	9	11	9	15	19	16	16	12	19	19	32	33

Annual output numbers for the Netherlands across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	648	657	710	715	781	826	725	807	696	707	861	763	907	860	943	1025	1085
ASTRONOMY AND ASTROPHYSICS	280	387	414	467	460	456	512	560	559	579	627	585	666	687	628	637	714
BASIC LIFE SCIENCES	2293	2437	2739	2646	2783	2839	2850	2634	2647	2735	2698	2730	3030	2977	3099	3517	3360
BASIC MEDICAL SCIENCES	193	254	253	262	268	298	283	301	274	282	347	340	389	376	382	467	511
BIOLOGICAL SCIENCES	1088	1126	1237	1168	1197	1209	1168	1089	1133	1199	1285	1149	1433	1337	1445	1548	1625
BIOMEDICAL SCIENCES	2372	2424	2574	2633	2805	2923	2829	2840	2908	2986	3243	3093	3616	3592	3575	4158	4153
CHEMISTRY AND CHEMICAL ENGINEERING	1788	1865	1838	2056	2047	2073	2128	1962	2197	2035	2177	2087	2395	2302	2065	2192	2524
CIVIL ENGINEERING AND CONSTRUCTION	55	58	64	57	75	88	93	85	83	130	112	107	127	160	149	193	220
CLINICAL MEDICINE	4826	5089	5512	5519	6057	6067	6190	6270	6421	6433	7237	7080	8555	8568	9047	10419	10754
COMPUTER SCIENCES	572	483	437	524	492	581	621	653	658	618	1091	1094	1110	1220	642	707	806
CREATIVE ARTS, CULTURE AND MUSIC	50	58	62	67	71	71	94	72	68	58	60	59	90	58	80	94	111
EARTH SCIENCES AND TECHNOLOGY	497	501	535	574	647	676	747	848	754	761	904	817	944	980	1022	1145	1274
ECONOMICS AND BUSINESS	245	243	264	285	349	370	317	371	401	415	455	445	538	551	612	823	893
EDUCATIONAL SCIENCES	89	74	105	93	109	97	137	123	129	165	150	159	222	222	212	307	364
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	373	532	461	411	452	440	463	528	529	544	564	533	636	618	626	776	847
ENERGY SCIENCE AND TECHNOLOGY	244	290	274	309	268	302	257	324	246	265	304	278	277	353	320	361	394

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	599	627	701	765	733	908	913	827	880	1007	1054	993	1272	1283	1468	1588	1810
GENERAL AND INDUSTRIAL ENGINEERING	102	106	139	162	163	176	135	177	162	161	190	166	219	237	206	304	313
HEALTH SCIENCES	197	227	250	279	335	403	400	454	458	429	557	570	722	794	870	997	1223
HISTORY, PHILOSOPHY AND RELIGION	88	111	140	117	112	132	161	176	171	168	151	208	199	221	232	261	368
INFORMATION AND COMMUNICATION SCIENCES	41	48	55	48	59	63	63	80	78	67	75	83	88	88	124	194	192
INSTRUMENTS AND INSTRUMENTATION	195	234	212	229	243	245	256	230	209	224	228	211	199	227	170	217	246
LANGUAGE AND LINGUISTICS	56	72	71	65	71	76	59	82	68	76	65	86	85	106	99	164	166
LAW AND CRIMINOLOGY	36	24	31	44	34	43	49	48	69	38	44	52	81	82	85	122	144
LITERATURE	45	41	47	46	69	56	50	51	43	36	27	76	66	53	39	47	69
MANAGEMENT AND PLANNING	136	155	211	233	259	280	266	331	299	320	371	341	384	426	424	511	663
MATHEMATICS & STATISTICAL SCIENCES	453	439	476	530	552	538	498	546	534	537	648	502	616	615	591	683	800
MECHANICAL ENGINEERING AND AEROSPACE	211	198	251	323	250	291	246	301	300	290	283	279	322	392	365	435	430
MULTIDISCIPLINARY JOURNALS	191	151	162	165	149	234	181	191	166	169	163	172	237	220	247	243	282
PHYSICS AND MATERIALS SCIENCE	1964	2226	2288	2378	2287	2490	2363	2468	2635	2591	2627	2720	2982	2819	2720	2980	3082
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	52	64	50	65	51	71	64	66	81	74	90	77	106	126	147	186	177
PSYCHOLOGY	381	434	510	542	569	608	615	611	656	677	816	750	877	1019	1124	1431	1450
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	130	155	166	169	218	197	175	212	200	199	247	257	307	335	343	388	418
SOCIOLOGY AND ANTHROPOLOGY	104	94	109	139	111	123	139	124	111	136	145	127	147	157	197	252	285

Annual output numbers for Slovenia across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	3	6	16	16	27	17	35	36	32	41	49	42	55	61	75	107	108
ASTRONOMY AND ASTROPHYSICS	5	6	4	8	7	8	3	8	13	11	20	26	37	39	45	55	41
BASIC LIFE SCIENCES	79	86	95	80	124	119	156	144	178	193	200	190	211	218	259	295	302
BASIC MEDICAL SCIENCES	11	3	5	11	18	27	23	28	44	36	44	42	43	34	52	64	49
BIOLOGICAL SCIENCES	27	29	21	33	62	69	59	78	67	56	91	85	117	92	141	156	179
BIOMEDICAL SCIENCES	72	52	45	54	60	73	90	254	144	133	151	123	169	179	184	256	230
CHEMISTRY AND CHEMICAL ENGINEERING	158	146	191	197	242	206	303	298	334	333	378	365	438	386	480	563	563
CIVIL ENGINEERING AND CONSTRUCTION	4	11	4	6	6	9	5	2	13	7	19	16	14	26	26	33	33
CLINICAL MEDICINE	74	112	123	123	164	145	184	248	241	262	289	263	324	315	298	527	629
COMPUTER SCIENCES	39	44	52	50	66	67	66	96	105	74	142	133	154	139	118	130	125
CREATIVE ARTS, CULTURE AND MUSIC	6	1	2	3	3	5	1	5	0	5	2	6	7	1	5	23	16
EARTH SCIENCES AND TECHNOLOGY	11	7	7	9	23	15	27	20	29	31	36	42	56	57	69	116	114
ECONOMICS AND BUSINESS	2	3	5	8	4	7	7	14	20	8	18	17	19	21	39	57	60
EDUCATIONAL SCIENCES	1	0	1	1	3	6	6	3	10	4	12	9	22	13	9	62	64
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	28	30	40	49	57	56	46	82	83	67	124	112	90	88	78	133	151
ENERGY SCIENCE AND TECHNOLOGY	33	33	30	31	24	36	48	50	54	58	58	52	61	70	86	92	78

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	25	26	36	27	43	29	48	51	47	57	56	69	75	119	113	238	167
GENERAL AND INDUSTRIAL ENGINEERING	5	15	13	18	21	25	20	19	39	41	46	46	98	59	53	63	71
HEALTH SCIENCES	3	2	3	7	9	11	7	16	20	9	15	15	30	20	42	45	36
HISTORY, PHILOSOPHY AND RELIGION	9	9	10	5	4	6	10	8	14	6	2	1	12	8	13	79	87
INFORMATION AND COMMUNICATION SCIENCES	0	1	3	10	8	6	10	8	9	12	9	14	12	13	16	23	18
INSTRUMENTS AND INSTRUMENTATION	12	12	29	25	16	16	37	34	48	45	57	49	61	46	66	66	57
LANGUAGE AND LINGUISTICS	1	0	1	1	0	0	0	0	0	3	2	1	2	2	2	46	43
LAW AND CRIMINOLOGY	1	0	1	2	1	1	11	7	4	2	3	2	14	2	4	8	35
LITERATURE	0	0	1	2	2	2	2	1	1	2	2	5	11	17	22	16	17
MANAGEMENT AND PLANNING	5	5	4	9	9	4	6	6	7	14	12	9	16	13	24	27	35
MATHEMATICS & STATISTICAL SCIENCES	56	66	46	66	64	86	76	122	94	139	104	124	161	128	192	202	217
MECHANICAL ENGINEERING AND AEROSPACE	19	21	9	20	18	22	11	57	28	41	28	37	39	49	48	51	50
MULTIDISCIPLINARY JOURNALS	3	10	2	3	1	2	2	6	5	2	14	4	9	6	12	6	24
PHYSICS AND MATERIALS SCIENCE	203	208	322	311	338	334	418	442	525	508	597	527	650	611	660	778	739
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	4	5	5	2	0	4	2	5	1	7	4	5	2	3	6	6	27
PSYCHOLOGY	1	10	4	3	3	11	5	11	7	10	10	17	11	15	15	16	22
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	1	3	4	3	2	1	2	5	4	3	8	4	5	5	12	48	16
SOCIOLOGY AND ANTHROPOLOGY	3	6	2	2	4	5	9	7	19	13	17	16	23	14	32	44	27

Annual output numbers for Sweden across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	311	310	372	382	346	427	424	493	393	473	522	436	526	499	518	604	568
ASTRONOMY AND ASTROPHYSICS	114	119	154	195	198	197	175	197	221	273	263	264	281	301	240	339	348
BASIC LIFE SCIENCES	1707	1892	2022	2021	2183	2324	2328	2198	2397	2314	2520	2337	2526	2500	2470	2589	2586
BASIC MEDICAL SCIENCES	159	145	181	170	199	234	208	184	192	205	257	185	230	252	256	310	320
BIOLOGICAL SCIENCES	722	766	776	792	744	861	882	890	947	978	1091	894	1109	1051	1200	1167	1278
BIOMEDICAL SCIENCES	2187	2230	2346	2447	2458	2612	2614	2401	2434	2281	2443	2262	2461	2339	2404	2596	2545
CHEMISTRY AND CHEMICAL ENGINEERING	1308	1331	1422	1591	1565	1698	1683	1651	1770	1799	1801	1820	2030	1965	1845	1911	1981
CIVIL ENGINEERING AND CONSTRUCTION	36	48	50	47	64	88	91	77	61	74	93	83	93	106	137	112	138
CLINICAL MEDICINE	3968	4191	4386	4704	4862	4859	5009	4840	5016	4740	5109	4661	5655	5224	5485	5998	6077
COMPUTER SCIENCES	245	195	184	231	210	281	375	342	338	338	595	536	541	563	334	337	360
CREATIVE ARTS, CULTURE AND MUSIC	21	41	12	15	18	31	27	21	28	30	29	36	27	31	32	47	55
EARTH SCIENCES AND TECHNOLOGY	303	343	409	565	413	474	517	564	637	546	659	567	724	689	689	863	833
ECONOMICS AND BUSINESS	94	103	96	119	131	144	167	177	164	179	211	178	240	225	255	350	374
EDUCATIONAL SCIENCES	29	31	14	30	32	23	25	30	30	38	49	38	62	66	56	136	161
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	246	322	336	332	334	391	472	402	495	435	449	437	493	507	585	595	686
ENERGY SCIENCE AND TECHNOLOGY	191	218	223	221	232	234	273	255	303	314	312	316	349	379	340	365	393

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	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	547	621	692	787	694	823	940	942	949	981	1073	1047	1258	1253	1266	1393	1407
GENERAL AND INDUSTRIAL ENGINEERING	90	108	98	132	133	141	128	135	162	152	167	188	176	230	190	231	201
HEALTH SCIENCES	208	261	329	357	372	434	459	463	545	490	571	528	612	658	747	834	904
HISTORY, PHILOSOPHY AND RELIGION	35	37	38	34	40	41	37	60	43	47	56	48	60	66	94	151	157
INFORMATION AND COMMUNICATION SCIENCES	12	12	11	12	14	14	13	19	27	17	27	25	30	27	20	59	49
INSTRUMENTS AND INSTRUMENTATION	121	150	174	144	190	131	180	151	200	183	168	172	156	168	202	174	153
LANGUAGE AND LINGUISTICS	18	18	23	16	16	19	22	33	32	23	22	36	26	29	28	38	67
LAW AND CRIMINOLOGY	18	13	25	19	20	30	27	37	25	31	39	25	40	29	38	62	48
LITERATURE	25	13	25	24	24	24	26	37	42	30	24	35	26	25	23	23	19
MANAGEMENT AND PLANNING	57	63	79	110	94	102	105	107	106	122	138	159	115	157	154	200	249
MATHEMATICS & STATISTICAL SCIENCES	217	215	276	274	302	363	374	322	327	362	381	397	427	481	447	501	509
MECHANICAL ENGINEERING AND AEROSPACE	128	137	140	173	151	180	183	179	191	205	205	207	230	255	255	238	258
MULTIDISCIPLINARY JOURNALS	131	131	154	142	125	161	170	155	138	172	167	148	210	178	211	177	265
PHYSICS AND MATERIALS SCIENCE	1614	1780	2012	2010	2177	2360	2328	2440	2791	2690	2581	2590	2857	2671	2677	2786	2865
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	35	41	25	30	30	26	31	32	40	34	45	43	65	58	58	101	105
PSYCHOLOGY	151	133	154	194	204	228	200	227	233	241	268	245	294	300	363	372	342
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	66	51	63	82	74	96	81	84	98	98	112	104	124	156	123	177	158
SOCIOLOGY AND ANTHROPOLOGY	55	57	56	47	55	39	77	57	60	73	83	81	94	83	109	154	145

Appendix G - Annual output numbers for the Czech Republic per scientific cooperation type, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
National cooperation	1	422	474	621	706	746	764	864	970	1067	1395	1296	1575	1666	1852	2422	2492
International cooperation	3	1253	1403	1639	1640	1870	1922	1958	2161	2213	2494	2501	3026	3031	3298	3829	4041

For 1993, publications from the Czech Republic were still processed under the former name of the combined republic Czechoslovakia

Appendix H - Annual output numbers for the Czech Republic's national cooperation output across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	0	7	12	14	17	21	35	51	38	50	65	49	69	77	93	185	175
ASTRONOMY AND ASTROPHYSICS	0	3	4	4	4	2	4	5	5	3	3	1	9	12	6	16	12
BASIC LIFE SCIENCES	0	58	69	86	104	88	101	137	131	167	188	197	204	223	231	304	308
BASIC MEDICAL SCIENCES	0	8	9	12	18	11	8	22	16	21	25	15	28	34	35	40	37
BIOLOGICAL SCIENCES	0	36	36	58	66	54	75	84	86	99	130	123	171	172	204	245	241
BIOMEDICAL SCIENCES	0	55	60	80	130	106	108	121	163	159	236	193	272	237	310	437	416
CHEMISTRY AND CHEMICAL ENGINEERING	0	127	138	194	181	235	200	207	265	271	318	327	307	417	421	457	478
CIVIL ENGINEERING AND CONSTRUCTION	0	1	0	3	2	1	3	1	2	5	8	5	4	6	6	11	19
CLINICAL MEDICINE	0	82	87	121	155	151	162	207	233	225	364	295	401	397	486	698	573
COMPUTER SCIENCES	0	4	8	7	14	16	14	21	20	20	45	54	57	52	29	35	31
CREATIVE ARTS, CULTURE AND MUSIC	0	0	0	0	1	0	0	2	0	0	0	0	0	1	0	0	3
EARTH SCIENCES AND TECHNOLOGY	0	5	9	13	14	24	12	19	18	30	36	31	33	45	36	100	129
ECONOMICS AND BUSINESS	0	1	3	1	6	2	22	19	24	30	14	19	14	14	15	31	40
EDUCATIONAL SCIENCES	0	0	0	0	0	0	0	0	0	1	2	0	2	0	2	1	2
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	0	7	1	4	4	3	3	7	10	5	7	12	10	12	21	42	28
ENERGY SCIENCE AND TECHNOLOGY	0	9	9	11	15	20	24	9	14	17	18	16	15	57	24	81	52
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

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ENVIRONMENTAL SCIENCES AND TECHNOLOGY	0	12	12	19	27	15	26	24	30	40	62	64	71	91	101	121	152
GENERAL AND INDUSTRIAL ENGINEERING	0	0	1	5	2	0	1	0	1	7	2	1	6	5	3	9	8
HEALTH SCIENCES	0	1	6	2	8	5	1	4	1	0	3	1	5	10	7	11	7
HISTORY, PHILOSOPHY AND RELIGION	0	1	0	2	1	1	3	0	0	0	1	2	8	7	5	8	11
INFORMATION AND COMMUNICATION SCIENCES	0	1	2	0	0	0	0	0	0	0	1	0	1	1	0	0	0
INSTRUMENTS AND INSTRUMENTATION	0	5	2	2	7	10	5	8	8	10	13	9	13	18	27	32	31
LANGUAGE AND LINGUISTICS	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0
LAW AND CRIMINOLOGY	0	0	0	0	0	1	0	2	1	1	0	1	0	2	3	1	0
LITERATURE	0	0	0	0	0	4	2	0	0	0	0	0	0	0	4	1	3
MANAGEMENT AND PLANNING	0	0	0	1	1	1	0	1	0	2	0	0	1	2	3	3	12
MATHEMATICS & STATISTICAL SCIENCES	0	7	8	12	17	7	19	18	16	20	29	30	34	36	40	61	59
MECHANICAL ENGINEERING AND AEROSPACE	0	7	4	7	7	2	7	4	3	3	5	7	12	13	12	18	14
MULTIDISCIPLINARY JOURNALS	0	1	2	2	3	3	1	4	0	5	0	1	3	2	8	10	9
PHYSICS AND MATERIALS SCIENCE	1	79	102	113	131	128	146	126	153	187	209	196	248	241	280	287	356
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	0	0	2	1	5	2	4	4	10	4	7	7	5	7	7	7	12
PSYCHOLOGY	0	8	13	11	13	13	8	8	7	12	10	6	12	17	24	21	17
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
SOCIOLOGY AND ANTHROPOLOGY	0	0	2	3	2	1	4	0	0	4	2	5	3	3	9	9	6

For 1993, publications from the Czech Republic were still processed under the former name of the combined republic Czechoslovakia

Appendix I - Annual output numbers for the Czech Republic's international cooperation output across fields, 1993-2009.

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
AGRICULTURE AND FOOD SCIENCE	0	18	16	18	19	35	30	46	33	52	52	70	70	73	65	90	105
ASTRONOMY AND ASTROPHYSICS	0	27	57	51	61	60	60	65	71	62	79	90	110	139	120	156	132
BASIC LIFE SCIENCES	0	186	180	223	263	248	245	266	309	274	345	325	397	350	422	469	448
BASIC MEDICAL SCIENCES	0	10	11	20	16	16	17	14	14	23	25	19	26	41	39	40	44
BIOLOGICAL SCIENCES	0	94	98	124	131	98	135	138	149	144	182	214	215	260	306	360	393
BIOMEDICAL SCIENCES	0	116	117	161	135	184	169	154	182	179	187	208	220	244	309	341	307
CHEMISTRY AND CHEMICAL ENGINEERING	0	327	328	421	375	451	397	400	425	460	474	493	596	561	644	676	794
CIVIL ENGINEERING AND CONSTRUCTION	0	5	8	4	2	5	5	7	3	4	1	5	7	11	9	13	14
CLINICAL MEDICINE	1	110	136	154	152	200	188	197	259	275	315	288	376	401	483	590	572
COMPUTER SCIENCES	0	26	29	35	36	43	42	40	53	52	117	99	107	112	84	113	99
CREATIVE ARTS, CULTURE AND MUSIC	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4	1	3
EARTH SCIENCES AND TECHNOLOGY	0	42	66	67	81	81	94	83	95	80	133	121	136	174	138	195	197
ECONOMICS AND BUSINESS	0	3	4	5	8	5	11	15	12	16	16	18	15	10	14	26	32
EDUCATIONAL SCIENCES	0	1	0	1	0	0	0	1	1	5	1	2	1	0	1	7	1
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	0	49	25	26	22	34	34	33	37	37	35	59	53	46	30	80	70
ENERGY SCIENCE AND TECHNOLOGY	0	37	39	45	37	46	49	49	51	65	63	75	82	72	73	89	106
	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009

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ENVIRONMENTAL SCIENCES AND TECHNOLOGY	o	22	37	41	51	50	50	55	63	84	81	96	115	143	150	181	218
GENERAL AND INDUSTRIAL ENGINEERING	o	2	2	2	5	7	2	4	6	3	10	3	17	9	20	21	29
HEALTH SCIENCES	o	2	2	4	10	3	9	8	5	4	9	5	9	8	15	16	19
HISTORY, PHILOSOPHY AND RELIGION	o	3	1	2	1	2	0	0	1	2	1	1	0	2	4	5	5
INFORMATION AND COMMUNICATION SCIENCES	o	0	0	1	0	0	0	1	0	0	2	2	0	0	4	5	1
INSTRUMENTS AND INSTRUMENTATION	o	24	27	34	34	46	45	35	44	46	48	58	62	48	53	63	82
LANGUAGE AND LINGUISTICS	o	0	0	1	0	0	0	1	0	0	0	0	1	0	0	1	1
LAW AND CRIMINOLOGY	o	1	2	0	0	3	2	2	1	2	0	2	0	1	0	6	0
LITERATURE	o	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	0
MANAGEMENT AND PLANNING	o	3	5	1	2	2	6	4	11	3	4	5	7	6	5	8	14
MATHEMATICS & STATISTICAL SCIENCES	o	62	98	81	86	92	103	118	127	125	131	127	158	169	194	245	279
MECHANICAL ENGINEERING AND AEROSPACE	o	13	9	19	18	19	19	17	20	13	23	18	28	41	30	43	41
MULTIDISCIPLINARY JOURNALS	o	4	5	9	20	3	17	7	19	14	14	18	20	28	24	21	47
PHYSICS AND MATERIALS SCIENCE	2	416	475	544	531	676	746	723	767	841	819	786	1003	925	995	1078	1142
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	o	3	2	5	5	1	1	3	4	3	1	6	2	4	2	6	2
PSYCHOLOGY	o	7	8	6	12	13	9	9	10	3	10	12	5	7	13	15	12
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	o	3	0	3	2	2	2	0	4	1	4	4	2	3	2	4	4
SOCIOLOGY AND ANTHROPOLOGY	o	3	1	5	6	4	7	7	10	7	3	5	0	10	8	10	9

For 1993, publications from the Czech Republic were still processed under the former name of the combined republic Czechoslovak

Appendix J - General indicators for the main Czech institutions

English name	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
Charles University in Prague	21775	129579	5.95	0.87	0.65	0.75	35%	32%
Institute of Physics ASCR	6502	38997	6.00	0.83	0.79	0.95	34%	40%
Masaryk University	6101	30928	5.07	0.89	0.60	0.67	36%	32%
Institute of Chemical Technology Prague	4483	20013	4.46	0.78	0.43	0.54	37%	34%
Czech Technical University in Prague	3632	10492	2.89	0.81	0.55	0.67	50%	37%
Palacky University Olomouc	3341	16813	5.03	0.92	0.64	0.70	41%	29%
J. Heyrovsky Institute of Physical Chemistry ASCR	2724	29758	10.92	0.97	0.96	1.00	21%	32%
Biology Centre ASCR	2705	17489	6.47	0.88	0.68	0.78	25%	33%
University of South Bohemia in Ceske Budejovice	2698	14202	5.26	0.90	0.74	0.83	34%	31%
Institute of Organic Chemistry and Biochemistry ASCR	2652	20000	7.54	0.90	0.66	0.74	25%	36%
Institute of Macromolecular Chemistry ASCR	2137	15760	7.37	0.85	0.77	0.91	26%	32%
Institute of Microbiology ASCR	2079	15331	7.37	0.75	0.52	0.69	22%	30%
University of Pardubice	2061	9616	4.67	0.86	0.58	0.67	36%	36%
Institute of Physiology ASCR	2060	17322	8.41	0.64	0.51	0.79	24%	32%
Nuclear Physics Institute ASCR	1881	10408	5.53	0.94	0.74	0.79	37%	42%
Brno University of Technology	1812	4421	2.44	0.66	0.39	0.60	52%	36%
University of Veterinary and Pharmaceutical Sciences Brno	1445	3466	2.40	0.92	0.49	0.53	43%	36%
Mendel University in Brno	1355	4080	3.01	0.90	0.46	0.51	43%	41%
Czech University of Life Sciences Prague	1278	3091	2.42	0.99	0.43	0.44	48%	34%
Institute of Chemical Process Fundamentals ASCR	1262	6458	5.12	0.67	0.56	0.84	30%	39%
Institute of Molecular Genetics ASCR	1166	13582	11.65	0.77	0.65	0.85	20%	28%
Institute of Biophysics ASCR	1125	13830	12.29	0.99	0.92	0.93	19%	36%
VSB-Technical University of Ostrava	1041	2446	2.35	0.88	0.49	0.55	56%	34%
Institute of Mathematics ASCR	1038	3283	3.16	1.11	0.92	0.83	45%	33%
Astronomical Institute ASCR	1028	5219	5.08	0.53	0.42	0.79	32%	38%
Institute of Inorganic Chemistry ASCR	1007	4024	4.00	0.61	0.48	0.79	35%	44%
National Institute of Public Health and regional hygienic stations	994	8394	8.44	0.96	0.74	0.78	23%	27%
Institute of Botany ASCR	983	5522	5.62	0.93	0.75	0.80	25%	31%
Institute of Experimental Medicine ASCR	964	10272	10.66	0.90	0.70	0.78	19%	29%
Institute of Physics of Materials ASCR	926	4161	4.49	0.81	0.70	0.86	37%	35%
Institute for Clinical and Experimental Medicine	908	9562	10.53	1.18	0.93	0.79	27%	18%
University of West Bohemia in Plzen	867	3252	3.75	1.42	0.94	0.66	58%	28%
Institute of Experimental Botany ASCR	845	8314	9.84	1.03	0.84	0.82	21%	28%
Veterinary Research Institute	777	3946	5.08	0.99	0.71	0.71	32%	39%
Institute of Information Theory and Automation ASCR	769	3596	4.68	1.09	1.06	0.97	42%	27%
Institute of Animal Physiology and Genetics ASCR	755	5123	6.79	0.89	0.57	0.64	22%	34%
Crop Research Institute	675	1908	2.83	0.95	0.44	0.46	42%	35%
General University Hospital Prague	657	4873	7.42	1.08	0.71	0.66	35%	20%
University Hospital Brno	631	3620	5.74	1.01	0.57	0.56	35%	15%

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English name	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
University Hospital Motol	626	4424	7.07	0.95	0.69	0.73	32%	21%
Institute of Systems Biology and Ecology ASCR	614	3223	5.25	0.98	0.59	0.60	32%	31%
University of Defense	604	2763	4.57	0.93	0.48	0.51	39%	45%
Institute of Computer Science ASCR	602	2616	4.35	1.07	0.86	0.80	44%	28%
Institute of Animal Science	591	2381	4.03	0.84	0.53	0.63	34%	28%
Institute of Hematology and Blood Transfusion	583	3917	6.72	0.69	0.44	0.63	28%	31%
Institute of Plasma Physics ASCR	561	1768	3.15	0.91	0.45	0.49	49%	46%
University of Economics Prague	553	522	0.94	0.86	0.18	0.21	68%	25%
Institute of Analytical Chemistry ASCR	542	4763	8.79	0.71	0.73	1.03	19%	26%
Institute of Vertebrate Biology ASCR	534	2932	5.49	1.22	0.87	0.71	30%	31%
Czech Geological Survey	525	3415	6.50	0.96	0.91	0.95	29%	29%
Institute of Geophysics ASCR	524	2475	4.72	0.79	0.46	0.58	29%	38%
Institute of Photonics and Electronics ASCR	510	2889	5.66	0.98	0.85	0.88	40%	26%
Tomas Bata University in Zlin	487	1208	2.48	0.71	0.52	0.73	50%	38%
ASCR unresolved	482	3621	7.51	0.93	0.73	0.78	33%	26%
University Hospital Hradec Kralove	479	3013	6.29	1.37	0.72	0.53	39%	17%
Technical University of Liberec	478	1086	2.27	0.79	0.49	0.62	55%	39%
Institute of Atmospheric Physics ASCR	478	1698	3.55	0.84	0.42	0.50	36%	41%
University Hospital Olomouc	453	1792	3.96	0.86	0.44	0.51	47%	19%
Institute of Geology ASCR	385	1319	3.43	0.76	0.52	0.69	39%	35%
Institute of Endocrinology	344	2514	7.31	0.82	0.45	0.55	19%	25%
National Museum	326	596	1.83	0.69	0.39	0.57	53%	60%
Silesian University in Opava	323	774	2.40	0.51	0.41	0.80	43%	46%
Jan Evangelista Purkyně University in Ústí nad Labem	313	945	3.02	0.72	0.51	0.70	51%	35%
Institute of Thermomechanics ASCR	309	621	2.01	0.58	0.39	0.68	56%	36%
Masaryk Memorial Cancer Institute	305	4896	16.05	1.34	1.14	0.85	20%	17%
University Hospital in Plzeň	297	1590	5.35	1.00	0.61	0.61	35%	15%
Institute of Scientific Instruments ASCR	282	1134	4.02	0.74	0.55	0.74	39%	40%
Na Homolce Hospital	272	2151	7.91	1.21	0.82	0.68	34%	16%
Institute of Rock Structure and Mechanics ASCR	247	536	2.17	0.56	0.32	0.57	51%	34%
University of Ostrava	246	899	3.65	0.90	0.69	0.77	49%	30%
CERGE-Economics Institute ASCR	233	708	3.04	0.77	0.51	0.65	46%	18%
St. Anne's University Hospital Brno	227	1269	5.59	1.06	0.53	0.50	43%	14%
Institute of Psychology ASCR	222	570	2.57	1.66	0.27	0.16	53%	27%
Prague Psychiatric Centre	222	1397	6.29	1.01	0.57	0.56	41%	20%
Institute of Sociology ASCR	213	233	1.09	1.03	0.22	0.22	49%	36%
Czech National Bank	211	202	0.96	1.31	0.18	0.13	62%	25%
University Hospital Kralovské Vinohrady	200	1606	8.03	1.15	0.82	0.71	38%	16%
Zentiva	192	709	3.69	0.79	0.30	0.38	34%	32%
Institute of Philosophy ASCR	178	56	0.31	1.09	0.23	0.21	78%	35%
Research Institute of Organic Syntheses	177	614	3.47	0.76	0.41	0.53	40%	48%
Institute for Postgraduate Medical Education	173	1464	8.46	1.14	0.62	0.54	36%	20%
Nuclear Research Institute Řež	168	298	1.77	0.73	0.38	0.53	51%	47%
Faculty Hospital Na Bulovce	167	1233	7.38	0.98	0.62	0.63	41%	18%

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English name	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
University Hospital Ostrava	165	1256	7.61	1.39	0.76	0.55	48%	14%
University of Hradec Kralove	165	413	2.50	0.69	0.50	0.73	59%	35%
State Veterinary Administration of the Czech Republic	162	668	4.12	1.18	0.75	0.64	24%	46%
Teva Czech Industries	158	651	4.12	0.63	0.30	0.47	33%	41%
Institute of Rheumatology	152	3882	25.54	1.91	1.91	1.00	16%	16%
Central Military Hospital Prague	149	849	5.70	1.20	0.61	0.50	43%	13%
Research Institute for Cattle Breeding	145	217	1.50	1.00	0.25	0.25	49%	38%
VUC Praha	135	34	0.25	0.84	0.03	0.04	82%	61%
Thomayer University Hospital	133	550	4.14	1.01	0.41	0.41	50%	13%
Czech Hydrometeorological Institute	127	814	6.41	1.07	0.82	0.77	33%	30%
Institute of Hydrodynamics ASCR	125	406	3.25	0.63	0.47	0.74	46%	28%
Military Geography and Hydrometeorology Office Dobruska	124	212	1.71	0.60	0.20	0.33	48%	54%
Czech Metrology Institute	120	162	1.35	0.52	0.28	0.54	56%	49%
Institute of Geonics ASCR	114	267	2.34	0.61	0.48	0.77	58%	35%
Institute of Theoretical and Applied Mechanics ASCR	107	277	2.59	0.45	0.41	0.92	39%	32%
Moravian Museum	102	234	2.29	0.76	0.32	0.42	43%	37%
National Radiation Protection Institute	96	421	4.39	1.25	0.64	0.51	44%	25%

Appendix K - Temporal evolution of production for the main Czech institutions – year by year

Institute	P	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Academy of Sciences (global)	38948	9	1730	1781	1978	1964	2096	2077	2157	2259	2322	2524	2449	2856	2926	2940	3393	3487
Charles University in Prague	21775	4	644	688	811	900	922	992	1067	1123	1233	1414	1444	1761	1762	2031	2427	2552
Institute of Physics ASCR	6502	3	238	303	303	322	367	381	418	386	457	437	428	480	487	434	517	541
Masaryk University	6101	1	134	170	203	224	252	263	297	347	354	424	437	487	520	582	688	718
Institute of Chemical Technology Prague	4483		170	199	231	232	227	250	196	254	284	295	306	329	333	360	405	412
Czech Technical University in Prague	3632	1	98	93	111	113	137	137	154	161	213	251	252	335	336	317	437	486
Palacky University Olomouc	3341		60	78	106	106	114	128	137	175	198	202	225	249	288	320	448	507
J. Heyrovsky Institute of Physical Chemistry ASCR	2724		131	147	163	154	197	154	166	184	177	224	165	169	173	137	184	199
Biology Centre ASCR	2705		143	116	121	138	132	142	173	148	152	155	168	209	210	196	244	258
University of South Bohemia in Ceske Budejovice	2698		36	38	40	59	79	97	118	112	145	176	171	237	251	301	381	457
Institute of Organic Chemistry and Biochemistry ASCR	2652		121	92	136	120	125	115	108	137	139	149	163	212	221	238	299	277
Institute of Macromolecular Chemistry ASCR	2137		102	91	143	97	116	111	133	142	146	124	139	149	163	149	166	166
Institute of Microbiology ASCR	2079		114	85	130	114	135	103	109	125	124	148	135	125	139	140	169	184
University of Pardubice	2061		92	85	73	101	93	85	113	99	111	121	129	146	161	202	215	235
Institute of Physiology ASCR	2060		102	99	131	144	134	110	113	129	105	142	143	118	128	130	159	173
Nuclear Physics Institute ASCR	1881		76	100	95	95	113	103	119	118	101	127	120	148	140	142	137	147
Brno University of Technology	1812		47	60	76	72	82	94	109	89	90	101	99	147	148	148	215	235
University of Veterinary and Pharmaceutical Sciences Brno	1445		35	40	29	35	57	36	41	67	86	94	89	118	147	188	201	182
Mendel University in Brno	1355		45	22	54	42	46	57	70	73	81	97	93	101	98	118	181	177
Czech University of Life Sciences Prague	1278		24	55	44	56	57	44	46	57	55	65	66	99	64	95	250	201

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Institute	P	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Institute of Chemical Process Fundamentals ASCR	1262	1	75	66	63	65	59	69	73	82	68	77	67	98	96	99	98	106
Institute of Molecular Genetics ASCR	1166		57	43	54	68	69	69	57	82	82	82	87	100	72	82	96	66
Institute of Biophysics ASCR	1125		31	33	48	46	52	37	65	63	75	85	79	75	88	109	125	114
VSB-Technical University of Ostrava	1041		9	18	37	41	37	46	44	54	48	66	72	64	77	90	153	185
Institute of Mathematics ASCR	1038		36	46	38	45	46	68	63	68	58	79	58	72	69	89	88	115
Astronomical Institute ASCR	1028		32	51	66	54	48	62	55	53	49	53	61	65	104	88	98	89
Institute of Inorganic Chemistry ASCR	1007	1	46	39	39	44	48	54	42	53	70	83	52	84	88	87	80	97
National Institute of Public Health and regional hygienic stations	994		46	36	41	56	50	51	50	44	61	70	57	66	97	94	76	99
Institute of Botany ASCR	983		20	30	27	22	23	41	33	41	45	53	72	89	104	123	136	124
Institute of Experimental Medicine ASCR	964	1	39	36	53	49	58	40	53	55	54	54	67	66	60	98	95	86
Institute of Physics of Materials ASCR	926		61	49	43	58	42	46	31	57	71	51	50	99	59	66	74	69
Institute for Clinical and Experimental Medicine	908		18	26	25	28	37	44	40	58	33	59	77	86	64	89	116	108
University of West Bohemia in Plzen	867		11	14	20	21	29	31	40	43	39	64	44	59	117	76	121	138
Institute of Experimental Botany ASCR	845		31	30	46	38	39	43	48	41	42	68	58	62	64	76	88	71
Veterinary Research Institute	777		26	17	26	30	42	37	44	42	43	45	53	82	69	69	84	68
Institute of Information Theory and Automation ASCR	769		33	52	39	41	39	49	37	43	48	53	66	53	54	44	67	51
Institute of Animal Physiology and Genetics ASCR	755		34	41	45	46	34	37	47	53	47	55	52	38	60	45	78	43
Crop Research Institute	675		28	31	32	34	47	31	32	35	23	43	33	40	36	46	99	85
General University Hospital Prague	657		7	14	14	27	22	22	28	28	25	49	36	51	58	77	90	109
University Hospital Brno	631		7	10	16	13	13	23	29	26	34	43	37	64	43	68	105	100
University Hospital Motol	626		8	12	17	19	24	14	18	26	29	34	47	65	47	65	97	104
Institute of Systems Biology and Ecology ASCR	614		33	44	52	41	39	18	19	30	18	14	26	41	29	63	60	87
University of Defense	604		8	16	14	26	16	24	22	21	14	31	29	40	55	86	109	93

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Institute	P	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Institute of Computer Science ASCR	602		7	21	30	32	26	25	37	29	27	56	44	66	55	36	49	62
Institute of Animal Science	591		36	36	26	30	31	27	20	34	35	26	38	41	48	55	65	43
Institute of Hematology and Blood Transfusion	583		23	20	41	33	37	35	31	34	19	40	29	39	38	51	52	61
Institute of Plasma Physics ASCR	561		16	18	8	21	17	23	14	25	71	41	26	73	63	45	47	53
University of Economics Prague	553		40	26	18	31	35	40	26	33	49	25	42	29	32	38	49	40
Institute of Analytical Chemistry ASCR	542		33	29	20	36	27	24	32	26	36	35	32	33	39	57	42	41
Institute of Vertebrate Biology ASCR	534		3	1	2		9	33	26	43	34	48	47	49	47	68	61	63
Czech Geological Survey	525	1	12	21	21	19	27	32	15	26	18	31	36	40	43	45	52	86
Institute of Geophysics ASCR	524		29	27	18	18	28	27	40	46	30	39	28	33	32	36	48	45
Institute of Photonics and Electronics ASCR	510		13	15	13	27	23	45	21	41	22	28	32	41	40	48	47	54
Tomas Bata University in Zlin	487		4	4	3	4		2	4	13	23	43	37	51	67	67	77	88
ASCR unresolved	482	1	36	27	30	40	33	30	24	30	33	32	20	29	28	38	25	26
University Hospital Hradec Kralove	479		2	6	10	15	15	11	18	18	23	32	22	36	39	68	91	73
Technical University of Liberec	478		7	1	9	14	18	20	20	18	23	34	38	52	36	49	65	74
Institute of Atmospheric Physics ASCR	478		6	18	17	21	15	13	20	20	19	36	33	47	43	41	54	75
University Hospital Olomouc	453		6	7	14	11	11	16	17	15	20	24	33	33	37	42	60	107
Institute of Geology ASCR	385	1	17	6	15	12	15	9	13	20	17	27	26	25	41	30	46	65
Institute of Endocrinology	344		13	13	10	17	13	12	23	25	23	37	29	26	19	26	38	20
National Museum	326		7	3	9	7	4	3	10	10	7	11	23	24	28	45	59	76
Silesian University in Opava	323		4	8	8	7	15	17	19	19	23	30	21	28	19	28	40	37
Jan Evangelista Purkyně University in Ústí nad Labem	313		1	5	3	1	7	12	13	12	15	21	24	24	23	36	49	67
Institute of Thermomechanics ASCR	309		12	8	9	13	10	9	16	9	15	19	20	29	20	29	45	46
Masaryk Memorial Cancer Institute	305		5	5	6	9	5	14	16	23	16	25	19	29	27	35	47	24
University Hospital in Plzeň	297		3	2	6	5	11	14	15	11	23	22	19	26	30	21	35	54
Institute of Scientific Instruments ASCR	282		17	10	14	5	14	16	14	13	12	16	15	18	33	31	25	29

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Institute	P	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Na Homolce Hospital	272		1	2	3	3	8	12	17	15	10	37	17	26	22	27	42	30
Institute of Rock Structure and Mechanics ASCR	247		2	6	12	7	13	9	18	10	12	16	14	11	12	19	52	34
University of Ostrava	246		1	8	3	3	6	5	10	9	17	7	23	26	23	14	54	37
CERGE-Economics Institute ASCR	233		11	4	6	11	8	18	27	16	21	15	14	17	10	20	18	17
St. Anne's University Hospital Brno	227		2	3	5	7	9	12	5	15	15	20	16	13	18	30	32	25
Institute of Psychology ASCR	222		14	18	16	13	8	11	14	5	10	12	16	16	21	15	17	16
Prague Psychiatric Centre	222		15	12	9	10	9	10	12	12	7	11	8	17	15	18	33	24
Institute of Sociology ASCR	213		6	12	11	5	13	10	6	9	17	9	19	18	19	19	18	22
Czech National Bank	211		8	7	11	8	6	9	10	16	31	11	21	19	7	11	21	15
University Hospital Kralovske Vinohrady	200		1	3	3	3	6	6	4	12	14	17	12	20	19	24	28	28
Zentiva	192		14	6	12	11	14	10	12	3	5	4	11	16	10	22	23	19
Institute of Philosophy ASCR	178	1	9	8	5	4	25	15	11	4	12	2	6	19	12	12	15	18
Research Institute of Organic Syntheses	177		5	6	6	12	7	8	11	7	10	12	8	9	16	15	22	23
Institute for Postgraduate Medical Education	173		7	10	10	7	9	8	6	10	15	15	11	18	2	8	25	12
Nuclear Research Institute Rez	168		2	4	3	5	5	7	6	5	12	9	7	14	23	16	21	29
Faculty Hospital Na Bulovce	167		9	8	8	9	6	7	7	6	5	11	13	13	10	13	14	28
University Hospital Ostrava	165		1	3	3	5	4	6	7	9	8	14	11	17	10	16	25	26
University of Hradec Kralove	165		1	4	3	4	8	5	5	10	15	14	10	13	11	12	20	30
State Veterinary Administration of the Czech Republic	162		3	6	10	8	9	8	10	4	10	18	16	15	11	13	10	11
Teva Czech Industries	158		17	11	15	13	10	5	6	11	6	14	10	17	14	2	3	4
Institute of Rheumatology	152		4	4	3	7	4	8	7	12	14	10	9	10	16	15	15	14
Central Military Hospital Prague	149		2	1	3	5	3	4	9	7	10	9	12	10	18	16	22	18
Research Institute for Cattle Breeding	145		5	11	12	18	9	12	13	4	7	11	3	4	3	7	14	12
VUC Praha	135		7	12	22	14	9	14	2	18	4	4	4	2		1	20	2

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Institute	P	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Thomayer University Hospital	133				5	1	3	4	6	4	8	13	6	17	11	16	20	19
Czech Hydrometeorological Institute	127		1	3	2	2	3	1	6	5	4	17	8	5	11	11	26	22
Institute of Hydrodynamics ASCR	125		8	4	8	7	4	7	4	5	6	6	9	4	12	6	17	18
Military Geography and Hydrometeorology Office Dobruska	124		2	4	8	6	2	12	4	7	9	5	8	8	9	14	15	11
Czech Metrology Institute	120			1	2	2	2	3	6	6	13	8	10	9	9	5	24	20
Institute of Geonics ASCR	114			4	3	7	2	6	3	5	3	11	8	5	14	12	16	15
Institute of Theoretical and Applied Mechanics ASCR	107		5	13	4	6	4	10	9	5	8	6	8	5	5	4	6	9
Moravian Museum	102		6	5	4	4	4	7	3	3	2	9	5	5	5	10	13	17
National Radiation Protection Institute	96			1	1	3	3	7	3	6	2	5	7	5	4	5	35	9

Appendix L - Temporal evolution of production for the main Czech institutions – block approach

Institute	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Academy of Sciences (global)	5498	7453	7819	8115	8294	8589	8815	9262	9554	10151	10755	11171	12115	12746
Charles University in Prague	2147	3043	3321	3625	3881	4104	4415	4837	5214	5852	6381	6998	7981	8772
Institute of Physics ASCR	847	1166	1295	1373	1488	1552	1642	1698	1708	1802	1832	1829	1918	1979
Masaryk University	508	731	849	942	1036	1159	1261	1422	1562	1702	1868	2026	2277	2508
Institute of Chemical Technology Prague	600	832	889	940	905	927	984	1029	1139	1214	1263	1328	1427	1510
Czech Technical University in Prague	303	415	454	498	541	589	665	779	877	1051	1174	1240	1425	1576
Palacky University Olomouc	244	350	404	454	485	554	638	712	800	874	964	1082	1305	1563
J. Heyrovsky Institute of Physical Chemistry ASCR	441	595	661	668	671	701	681	751	750	735	731	644	663	693
Biology Centre ASCR	380	518	507	533	585	595	615	628	623	684	742	783	859	908
University of South Bohemia in Ceske Budejovice	114	173	216	275	353	406	472	551	604	729	835	960	1170	1390
Institute of Organic Chemistry and Biochemistry ASCR	349	469	473	496	468	485	499	533	588	663	745	834	970	1035
Institute of Macromolecular Chemistry ASCR	336	433	447	467	457	502	532	545	551	558	575	600	627	644
Institute of Microbiology ASCR	329	443	464	482	461	472	461	506	532	532	547	539	573	632
University of Pardubice	250	351	352	352	392	390	408	444	460	507	557	638	724	813
Institute of Physiology ASCR	332	476	508	519	501	486	457	489	519	508	531	519	535	590
Nuclear Physics Institute ASCR	271	366	403	406	430	453	441	465	466	496	535	550	567	566
Brno University of Technology	183	255	290	324	357	374	382	389	379	437	495	542	658	746
University of Veterinary and Pharmaceutical Sciences Brno	104	139	161	157	169	201	230	288	336	387	448	542	654	718
Mendel University in Brno	121	163	164	199	215	246	281	321	344	372	389	410	498	574
Czech University of Life Sciences	123	179	212	201	203	204	202	223	243	285	294	324	508	610

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Institute	1993- 1996	1994 -1997	1995- 1998	1996- 1999	1997- 2000	1998 - 2001	1999- 2002	2000- 2003	2001- 2004	2002- 2005	2003- 2006	2004- 2007	2005 - 2008	2006- 2009
Prague														
Institute of Chemical Process Fundamentals ASCR	205	269	253	256	266	283	292	300	294	310	338	360	391	399
Institute of Molecular Genetics ASCR	154	222	234	260	263	277	290	303	333	351	341	341	350	316
Institute of Biophysics ASCR	112	158	179	183	200	217	240	288	302	314	327	351	397	436
VSB-Technical University of Ostrava	64	105	133	161	168	181	192	212	240	250	279	303	384	505
Institute of Mathematics ASCR	120	165	175	197	222	245	257	268	263	267	278	288	318	361
Astronomical Institute ASCR	149	203	219	230	219	218	219	210	216	228	283	318	355	379
Institute of Inorganic Chemistry ASCR	125	168	170	185	188	197	219	248	258	289	307	311	339	352
National Institute of Public Health and regional hygienic stations	123	179	183	198	207	195	206	225	232	254	290	314	333	366
Institute of Botany ASCR	77	99	102	113	119	138	160	172	211	259	318	388	452	487
Institute of Experimental Medicine ASCR	129	177	196	200	200	206	202	216	230	241	247	291	319	339
Institute of Physics of Materials ASCR	153	211	192	189	177	176	205	210	229	271	259	274	298	268
Institute for Clinical and Experimental Medicine	69	97	116	134	149	179	175	190	227	255	286	316	355	377
University of West Bohemia in Plzen	45	66	84	101	121	143	153	186	190	206	284	296	373	452
Institute of Experimental Botany ASCR	107	145	153	166	168	171	174	199	209	230	252	260	290	299
Veterinary Research Institute	69	99	115	135	153	165	166	174	183	223	249	273	304	290
Institute of Information Theory and Automation ASCR	124	165	171	168	166	168	177	181	210	220	226	217	218	216
Institute of Animal Physiology and Genetics ASCR	120	166	166	162	164	171	184	202	207	192	205	195	221	226
Crop Research Institute	91	125	144	144	144	145	121	133	134	139	152	155	221	266
General University Hospital Prague	35	62	77	85	99	100	103	130	138	161	194	222	276	334
University Hospital Brno	33	46	52	65	78	91	112	132	140	178	187	212	280	316
University Hospital Motol	37	56	72	74	75	82	87	107	136	175	193	224	274	313

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Institute	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Institute of Systems Biology and Ecology ASCR	129	170	176	150	117	106	85	81	88	99	110	159	193	239
University of Defense	38	64	72	80	88	83	81	88	95	114	155	210	290	343
Institute of Computer Science ASCR	58	90	109	113	120	117	118	149	156	193	221	201	206	202
Institute of Animal Science	98	128	123	114	108	112	116	115	133	140	153	182	209	211
Institute of Hematology and Blood Transfusion	84	117	131	146	136	137	119	124	122	127	146	157	180	202
Institute of Plasma Physics ASCR	42	63	64	69	75	79	133	151	163	211	203	207	228	208
University of Economics Prague	84	115	110	124	132	134	148	133	149	145	128	141	148	159
Institute of Analytical Chemistry ASCR	82	118	112	107	119	109	118	129	129	136	139	161	171	179
Institute of Vertebrate Biology ASCR	6	6	12	44	68	111	136	151	172	178	191	211	225	239
Czech Geological Survey	55	73	88	99	93	100	91	90	111	125	150	164	180	226
Institute of Geophysics ASCR	74	92	91	91	113	141	143	155	143	130	132	129	149	161
Institute of Photonics and Electronics ASCR	41	68	78	108	116	130	129	112	123	123	141	161	176	189
Tomas Bata University in Zlin	11	15	11	9	10	19	42	83	116	154	198	222	262	299
ASCR unresolved	94	133	130	133	127	117	117	119	115	114	109	115	120	117
University Hospital Hradec Kralove	18	33	46	51	59	62	70	91	95	113	129	165	234	271
Technical University of Liberec	17	31	42	61	72	76	81	95	113	147	160	175	202	224
Institute of Atmospheric Physics ASCR	41	62	71	66	69	68	72	95	108	135	159	164	185	213
University Hospital Olomouc	27	38	43	52	55	59	68	76	92	110	127	145	172	246
Institute of Geology ASCR	39	50	48	51	49	57	59	77	90	95	119	122	142	182
Institute of Endocrinology	36	53	53	52	65	73	83	108	114	115	111	100	109	103
National Museum	19	26	23	23	24	27	30	38	51	65	86	120	156	208
Silesian University in Opava	20	27	38	47	58	70	78	91	93	102	98	96	115	124
Jan Evangelista Purkyně University in Ústí nad Labem	9	10	16	23	33	44	52	61	72	84	92	107	132	175
Institute of	29	42	40	41	48	44	49	59	63	83	88	98	123	140

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Institute	1993- 1996	1994- 1997	1995- 1998	1996- 1999	1997- 2000	1998- 2001	1999- 2002	2000- 2003	2001- 2004	2002- 2005	2003- 2006	2004- 2007	2005- 2008	2006- 2009
Thermomechanics ASCR														
Masaryk Memorial Cancer Institute	16	25	25	34	44	58	69	80	83	89	100	110	138	133
University Hospital in Plzen	11	16	24	36	45	51	63	71	75	90	97	96	112	140
Institute of Scientific Instruments ASCR	41	46	43	49	49	57	55	55	56	61	82	97	107	118
Na Homolce Hospital	6	9	16	26	40	52	54	79	79	90	102	92	117	121
Institute of Rock Structure and Mechanics ASCR	20	27	38	41	47	50	49	56	52	53	53	56	94	117
University of Ostrava	12	15	20	17	24	30	41	43	56	73	79	86	117	128
CERGE-Economics Institute ASCR	21	32	29	43	64	69	82	79	66	67	56	61	65	65
St. Anne's University Hospital Brno	10	17	24	33	33	41	47	55	66	64	67	77	93	105
Institute of Psychology ASCR	48	61	55	48	46	38	40	41	43	54	65	68	69	69
Prague Psychiatric Centre	36	46	40	38	41	43	41	42	38	43	51	58	83	90
Institute of Sociology ASCR	29	34	41	39	34	38	42	41	54	63	65	75	74	78
Czech National Bank	26	34	32	34	33	41	66	68	79	82	58	58	58	54
University Hospital Kralovske Vinohrady	7	10	15	18	19	28	36	47	55	63	68	75	91	99
Zentiva	32	43	43	47	47	39	30	24	23	36	41	59	71	74
Institute of Philosophy ASCR	23	26	42	49	55	55	42	29	24	39	39	49	58	57
Research Institute of Organic Syntheses	17	29	31	33	38	33	36	40	37	39	45	48	62	76
Institute for Postgraduate Medical Education	27	34	36	34	30	33	39	46	51	59	46	39	53	47
Nuclear Research Institute Rez	9	14	17	20	23	23	30	32	33	42	53	60	74	89
Faculty Hospital Na Bulovce	25	34	31	30	29	26	25	29	35	42	47	49	50	65
University Hospital Ostrava	7	12	15	18	22	26	30	38	42	50	52	54	68	77
University of Hradec Kralove	8	12	19	20	22	28	35	44	49	52	48	46	56	73
State Veterinary Administration of the Czech Republic	19	27	33	35	35	31	32	42	48	59	60	55	49	45
Teva Czech Industries	43	56	49	43	34	32	28	37	41	47	55	43	36	23
Institute of	11	18	18	22	26	31	41	43	45	43	45	50	56	60

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Institute	1993- 1996	1994 -1997	1995- 1998	1996- 1999	1997- 2000	1998 - 2001	1999- 2002	2000- 2003	2001- 2004	2002- 2005	2003- 2006	2004- 2007	2005 - 2008	2006- 2009
Rheumatology														
Central Military Hospital Prague	6	11	12	15	21	23	30	35	38	41	49	56	66	74
Research Institute for Cattle Breeding	28	46	50	51	52	38	36	35	25	25	21	17	28	36
VUC Praha	41	55	57	59	39	43	38	28	30	14	10	7	23	23
Thomayer University Hospital	5	6	9	13	14	17	22	31	31	44	47	50	64	66
Czech Hydrometeorological Institute	6	8	10	8	12	15	16	32	34	34	41	35	53	70
Institute of Hydrodynamics ASCR	20	27	23	26	22	20	22	21	26	25	31	31	39	53
Military Geography and Hydrometeorology Office Dobruska	14	20	20	28	24	25	32	25	29	30	30	39	46	49
Czech Metrology Institute	3	5	7	9	13	17	28	33	37	40	36	33	47	58
Institute of Geonics ASCR	7	14	16	18	18	16	17	22	27	27	38	39	47	57
Institute of Theoretical and Applied Mechanics ASCR	22	28	27	24	29	28	32	28	27	27	24	22	20	24
Moravian Museum	15	19	17	19	18	17	15	17	19	21	24	25	33	45
National Radiation Protection Institute	2	5	8	14	16	19	18	16	20	19	21	21	49	53

Appendix M - Temporal evolution of CPP/FCSm for the main Czech institutions – block approach

Institute	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Academy of Sciences (global)	0.59	0.61	0.63	0.61	0.61	0.64	0.70	0.69	0.69	0.72	0.78	0.83	0.84	0.83
Charles University in Prague	0.65	0.65	0.69	0.60	0.61	0.61	0.62	0.64	0.65	0.66	0.70	0.77	0.81	0.85
Institute of Physics ASCR	0.96	0.98	1.11	1.03	0.91	0.90	0.91	0.93	0.86	0.77	0.95	1.14	1.08	1.00
Masaryk University	0.51	0.44	0.40	0.41	0.55	0.57	0.62	0.66	0.74	0.61	0.62	0.68	0.71	0.72
Institute of Chemical Technology Prague	0.28	0.30	0.31	0.34	0.39	0.39	0.45	0.40	0.44	0.50	0.53	0.51	0.47	0.48
Czech Technical University in Prague	0.30	0.32	0.35	0.40	0.35	0.34	0.38	0.44	0.46	0.44	0.54	0.62	0.82	0.93
Palacky University Olomouc	0.48	0.53	0.49	0.48	0.62	0.41	0.55	0.55	0.61	0.64	0.68	0.71	0.73	0.82
J. Heyrovsky Institute of Physical Chemistry ASCR	1.17	1.08	0.95	0.93	0.87	0.96	1.19	1.08	0.99	0.99	0.89	0.87	0.77	0.74
Biology Centre ASCR	0.48	0.49	0.60	0.66	0.69	0.65	0.62	0.57	0.69	0.75	0.76	0.74	0.70	0.80
University of South Bohemia in Ceske Budejovice	0.37	0.39	0.40	0.60	0.63	0.64	0.65	0.64	0.72	0.71	0.75	0.75	0.74	0.74
Institute of Organic Chemistry and Biochemistry ASCR	0.37	0.38	0.39	0.39	0.37	0.48	0.62	0.71	0.76	0.82	0.87	0.92	1.00	1.09
Institute of Macromolecular Chemistry ASCR	0.54	0.59	0.66	0.66	0.74	0.77	0.90	0.88	0.71	0.77	0.76	0.81	0.83	0.90
Institute of Microbiology ASCR	0.41	0.42	0.33	0.36	0.41	0.47	0.56	0.57	0.60	0.54	0.55	0.56	0.67	0.78
University of Pardubice	0.30	0.38	0.51	0.36	0.33	0.40	0.42	0.47	0.51	0.62	0.66	0.63	0.63	0.64
Institute of Physiology ASCR	0.46	0.53	0.62	0.50	0.48	0.55	0.55	0.47	0.50	0.50	0.57	0.71	0.68	0.64
Nuclear Physics Institute ASCR	0.38	0.41	0.45	0.54	0.52	0.53	0.69	0.75	0.85	1.03	1.22	1.30	1.27	0.90
Brno University of Technology	0.25	0.23	0.17	0.21	0.29	0.40	0.36	0.39	0.35	0.29	0.35	0.43	0.45	0.58
University of Veterinary and Pharmaceutical Sciences Brno	0.07	0.11	0.19	0.29	0.48	0.54	0.43	0.50	0.52	0.47	0.41	0.42	0.55	0.56
Mendel University in Brno	0.23	0.23	0.37	0.34	0.42	0.39	0.44	0.37	0.33	0.46	0.58	0.67	0.64	0.69
Czech University of Life Sciences	0.46	0.43	0.39	0.29	0.30	0.38	0.33	0.32	0.36	0.48	0.44	0.44	0.56	0.73

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Institute	1993- 1996	1994 -1997	1995- 1998	1996- 1999	1997- 2000	1998 - 2001	1999- 2002	2000- 2003	2001- 2004	2002- 2005	2003- 2006	2004- 2007	2005 - 2008	2006- 2009
Prague														
Institute of Chemical Process Fundamentals ASCR	0.43	0.48	0.45	0.54	0.59	0.42	0.45	0.41	0.48	0.59	0.61	0.69	0.63	0.56
Institute of Molecular Genetics ASCR	0.66	0.66	0.58	0.47	0.51	0.61	0.81	0.74	0.72	0.81	0.75	0.82	0.86	0.76
Institute of Biophysics ASCR	0.57	0.59	0.69	0.82	0.81	0.68	0.80	0.84	0.94	0.90	0.83	0.88	0.90	0.89
VSB-Technical University of Ostrava	0.09	0.13	0.23	0.25	0.39	0.51	0.39	0.49	0.45	0.44	0.58	0.61	0.53	0.49
Institute of Mathematics ASCR	0.45	0.66	0.61	0.76	0.75	0.65	0.67	0.67	0.97	1.01	1.15	1.10	0.91	0.84
Astronomical Institute ASCR	0.24	0.28	0.35	0.37	0.41	0.42	0.48	0.48	0.40	0.39	0.44	0.42	0.46	0.48
Institute of Inorganic Chemistry ASCR	0.19	0.25	0.31	0.39	0.34	0.32	0.48	0.49	0.41	0.58	0.76	0.63	0.58	0.53
National Institute of Public Health and regional hygienic stations	0.58	0.61	0.65	0.49	0.51	0.69	0.67	0.60	0.62	0.62	0.77	0.86	0.93	1.00
Institute of Botany ASCR	0.27	0.27	0.29	0.41	0.51	0.54	0.65	0.75	0.83	0.65	0.70	0.76	0.91	1.00
Institute of Experimental Medicine ASCR	0.71	0.59	0.60	0.56	0.49	0.53	0.53	0.52	0.55	0.73	0.84	0.99	0.97	0.98
Institute of Physics of Materials ASCR	0.53	0.64	0.75	0.81	0.47	0.47	0.63	0.75	0.83	0.76	0.68	0.63	0.57	0.67
Institute for Clinical and Experimental Medicine	0.19	0.21	0.30	0.46	0.63	0.57	0.75	0.78	0.96	1.47	1.59	0.91	1.08	1.45
University of West Bohemia in Plzen	0.19	0.21	0.37	0.74	1.01	1.35	1.38	1.18	0.76	0.60	0.50	0.45	0.42	0.45
Institute of Experimental Botany ASCR	0.71	0.73	0.55	0.50	0.64	0.59	0.59	0.54	0.65	0.92	1.10	1.09	1.10	1.06
Veterinary Research Institute	0.46	0.56	0.51	0.46	0.52	0.69	0.62	0.66	0.78	0.77	0.84	0.83	0.66	0.67
Institute of Information Theory and Automation ASCR	0.41	0.67	0.62	0.43	0.60	0.86	0.92	0.63	0.75	1.27	1.75	0.94	0.93	1.02
Institute of Animal Physiology and Genetics ASCR	0.54	0.57	0.69	0.58	0.41	0.37	0.41	0.50	0.58	0.67	0.73	0.60	0.62	0.65
Crop Research Institute	0.35	0.39	0.33	0.32	0.42	0.29	0.29	0.27	0.31	0.25	0.39	0.53	0.61	0.64
General University Hospital Prague	0.30	0.45	0.81	0.88	1.00	0.46	0.68	0.81	0.57	0.56	0.55	0.71	0.87	1.24
University Hospital Brno	0.05	0.20	0.20	0.17	0.31	0.50	0.61	0.75	0.52	0.63	0.58	0.69	0.77	0.91
University Hospital Motol	0.55	0.41	0.36	0.44	0.52	0.74	0.83	0.67	0.79	0.57	0.61	0.62	0.76	0.92

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Institute	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Institute of Systems Biology and Ecology ASCR	0.35	0.41	0.53	0.45	0.38	0.67	0.71	0.62	0.48	0.50	0.44	0.57	0.79	0.78
University of Defense	0.11	0.10	0.15	0.17	0.32	0.46	0.49	0.75	0.52	0.61	0.61	0.63	0.59	0.64
Institute of Computer Science ASCR	0.50	0.52	0.55	0.97	0.98	0.99	0.78	0.68	0.83	0.79	0.79	1.03	0.89	0.81
Institute of Animal Science	0.30	0.31	0.36	0.32	0.42	0.64	0.71	0.60	0.82	0.49	0.47	0.57	0.65	0.75
Institute of Hematology and Blood Transfusion	0.53	0.56	0.53	0.40	0.30	0.31	0.37	0.44	0.54	0.50	0.48	0.58	0.59	0.69
Institute of Plasma Physics ASCR	0.32	0.27	0.16	0.29	0.40	0.38	0.29	0.21	0.35	0.36	0.53	0.41	0.47	0.58
University of Economics Prague	0.20	0.14	0.23	0.29	0.28	0.40	0.45	0.24	0.24	0.22	0.40	0.53	0.45	0.36
Institute of Analytical Chemistry ASCR	1.01	1.00	1.11	0.94	0.87	0.73	1.01	1.10	0.73	0.82	0.94	0.83	0.87	0.90
Institute of Vertebrate Biology ASCR	0.00	0.00	0.00	0.26	0.58	1.01	1.09	0.96	0.79	0.77	0.81	0.75	0.91	0.73
Czech Geological Survey	1.57	1.48	0.54	0.58	0.49	0.42	0.46	0.80	1.11	1.20	0.79	0.73	0.89	0.81
Institute of Geophysics ASCR	0.27	0.25	0.34	0.36	0.49	0.58	0.45	0.55	0.48	0.45	0.54	0.63	0.69	0.71
Institute of Photonics and Electronics ASCR	0.43	0.44	0.62	0.51	0.59	0.37	0.39	0.57	0.78	0.84	1.11	1.01	1.05	0.99
Tomas Bata University in Zlin	0.00	0.05	0.05	0.00	0.23	0.67	0.52	0.18	0.31	0.36	0.56	0.49	0.57	0.51
ASCR unresolved	0.69	0.67	0.60	0.60	0.67	0.85	0.97	0.82	0.88	0.66	0.57	0.59	0.56	0.56
University Hospital Hradec Kralove	1.03	0.66	0.21	0.33	0.48	0.98	1.43	1.82	0.40	0.43	0.45	0.54	0.61	0.55
Technical University of Liberec	1.29	0.64	0.36	0.43	0.34	0.47	0.42	0.67	0.71	0.55	0.42	0.56	0.58	0.73
Institute of Atmospheric Physics ASCR	0.24	0.23	0.16	0.24	0.32	0.32	0.39	0.46	0.34	0.42	0.39	0.49	0.59	0.68
University Hospital Olomouc	0.65	0.62	0.68	0.31	0.20	0.25	0.37	0.51	0.55	0.38	0.47	0.52	0.42	0.55
Institute of Geology ASCR	0.24	0.49	0.58	0.78	0.76	0.32	0.36	0.34	0.41	0.41	0.31	0.55	0.51	0.58
Institute of Endocrinology	0.12	0.19	0.37	0.62	0.72	0.49	0.31	0.27	0.33	0.40	0.48	0.49	0.54	0.57
National Museum	0.12	0.16	0.32	0.42	0.59	0.50	0.09	0.12	0.52	0.59	0.63	0.47	0.50	0.53
Silesian University in Opava	0.72	0.40	0.30	0.18	0.13	0.12	0.09	0.28	0.32	0.52	0.61	0.60	0.79	0.62
Jan Evangelista Purkyně University in Ústí nad Labem	0.15	0.34	0.48	0.54	0.44	0.52	0.51	0.30	0.30	0.52	0.78	0.60	0.66	0.42
Institute of	0.23	0.32	0.48	0.32	0.38	0.32	0.29	0.41	0.21	0.16	0.20	0.23	0.31	0.44

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Institute	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Thermomechanics ASCR														
Masaryk Memorial Cancer Institute	2.65	2.10	1.42	1.15	1.13	1.63	1.52	1.38	0.52	0.61	0.79	1.20	1.22	1.33
University Hospital in Plzen	0.11	0.17	0.71	0.80	0.64	0.50	0.53	0.53	0.52	0.48	0.59	0.55	0.56	0.75
Institute of Scientific Instruments ASCR	0.84	0.59	0.32	0.47	0.27	0.46	0.58	0.22	0.39	0.35	0.38	0.64	0.90	0.90
Na Homolce Hospital	0.17	0.19	0.08	0.19	0.67	0.87	0.73	0.68	0.57	0.64	0.60	0.74	0.78	1.07
Institute of Rock Structure and Mechanics ASCR	0.10	0.07	0.09	0.10	0.37	0.48	0.28	0.24	0.36	0.34	0.46	0.53	0.46	0.31
University of Ostrava	0.00	0.18	0.33	0.28	0.34	0.49	0.42	0.57	0.99	1.09	0.87	0.67	0.53	0.69
CERGE-Economics Institute ASCR	0.17	0.34	0.78	0.71	0.62	0.56	0.63	0.70	0.86	0.86	0.84	1.03	0.71	0.66
St. Anne's University Hospital Brno	0.18	0.21	0.31	0.31	0.48	0.83	0.25	0.30	0.35	0.42	0.66	0.88	0.52	0.50
Institute of Psychology ASCR	0.03	0.01	0.06	0.14	0.34	0.60	0.77	0.93	0.38	0.45	0.50	0.41	0.25	0.16
Prague Psychiatric Centre	0.30	0.21	0.51	0.89	1.12	0.30	0.35	0.31	0.53	0.41	0.57	0.66	0.73	0.71
Institute of Sociology ASCR	0.79	0.67	0.59	0.67	0.62	0.50	0.42	0.26	0.25	0.32	0.32	0.40	0.57	0.58
Czech National Bank	0.28	0.22	0.16	0.31	0.40	0.68	0.75	0.71	0.51	0.45	0.38	0.36	0.45	0.51
University Hospital Kralovske Vinohrady	0.09	0.08	0.00	0.03	0.41	0.52	0.80	0.60	0.69	0.85	1.41	1.06	1.07	1.47
Zentiva	0.08	0.13	0.25	0.25	0.28	0.33	0.23	0.37	0.61	0.92	0.27	0.22	0.31	0.45
Institute of Philosophy ASCR	0.52	0.30	0.54	0.76	0.56	0.50	0.07	0.58	0.34	0.63	0.93	0.80	0.82	0.45
Research Institute of Organic Syntheses	0.17	0.22	0.11	0.15	0.19	0.10	0.09	0.37	0.46	0.49	0.32	0.44	0.40	0.37
Institute for Postgraduate Medical Education	0.21	0.16	0.20	0.29	0.45	0.53	0.23	0.59	0.70	0.95	0.75	0.69	0.97	1.08
Nuclear Research Institute Rez	0.00	0.00	0.00	0.20	0.19	0.28	0.51	0.60	0.44	0.55	0.42	0.41	0.36	0.39
Faculty Hospital Na Bulovce	0.83	0.69	0.44	0.17	0.32	0.44	0.39	0.76	0.87	1.01	0.47	0.53	0.80	1.06
University Hospital Ostrava	0.12	0.13	0.05	0.28	0.44	0.78	0.28	0.48	0.86	0.81	1.09	0.93	1.00	1.24
University of Hradec Kralove	0.00	0.26	0.40	0.82	0.47	0.41	0.74	0.95	0.74	0.62	0.70	0.60	0.71	0.34
State Veterinary Administration of the Czech Republic	0.22	0.34	0.30	0.38	0.33	0.69	0.77	0.78	1.04	1.30	0.98	0.78	1.04	1.49
Teva Czech Industries	0.31	0.38	0.23	0.18	0.16	0.15	0.21	0.25	0.19	0.27	0.32	0.26	0.24	0.35
Institute of	0.32	0.42	0.30	0.47	0.95	3.05	3.00	1.48	1.45	2.27	3.51	3.44	2.18	2.85

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Institute	1993- 1996	1994 -1997	1995- 1998	1996- 1999	1997- 2000	1998 - 2001	1999- 2002	2000- 2003	2001- 2004	2002- 2005	2003- 2006	2004- 2007	2005 - 2008	2006- 2009
Rheumatology														
Central Military Hospital Prague	0.00	0.00	0.23	0.32	0.06	0.18	0.33	0.44	0.42	0.46	0.43	0.64	1.22	1.33
Research Institute for Cattle Breeding	0.30	0.27	0.03	0.17	0.12	0.39	0.32	0.19	0.54	0.59	0.59	0.29	0.13	0.40
VUC Praha	0.38	0.13	0.08	0.07	0.07	0.06	0.08	0.03	0.02	0.11	0.00	0.00	0.50	0.48
Thomayer University Hospital	1.53	0.36	0.24	0.29	0.11	0.12	0.17	0.09	0.31	0.52	0.77	0.46	0.46	0.33
Czech Hydrometeorological Institute	0.27	0.33	0.28	0.29	0.85	1.15	0.28	0.44	0.52	0.75	0.66	0.68	1.60	1.82
Institute of Hydrodynamics ASCR	0.66	0.76	0.34	0.48	0.10	0.10	0.16	0.33	0.46	0.30	0.43	0.53	0.49	0.53
Military Geography and Hydrometeorology Office Dobruska	0.00	0.12	0.06	0.04	0.05	0.04	0.21	0.12	0.13	0.20	0.37	0.33	0.19	0.32
Czech Metrology Institute	0.00	1.12	0.60	0.28	0.62	0.73	0.24	0.24	0.34	0.28	0.34	0.35	0.23	0.16
Institute of Geonics ASCR	0.00	0.58	0.25	0.34	0.36	0.62	0.38	0.35	0.70	0.78	0.65	0.10	0.27	0.24
Institute of Theoretical and Applied Mechanics ASCR	0.09	0.04	0.07	0.00	0.18	0.26	0.33	0.45	0.41	0.47	0.33	0.41	0.43	0.49
Moravian Museum	0.26	0.21	0.44	0.25	0.33	0.13	0.19	0.10	0.10	0.30	0.19	0.34	0.55	0.63
National Radiation Protection Institute	0.00	1.17	1.66	1.57	1.30	0.37	0.50	0.33	0.42	0.48	0.60	1.10	1.99	0.61

Appendix N - General indicators by collaboration

Institution	Type Coop.	%	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
Academy of Sciences (global)	Single institute	24	9255	48836	5.28	0.74	0.48	0.65	35%	31%
	National col.	23	9136	41343	4.53	0.76	0.50	0.65	35%	35%
	International col.	53	20557	169566	8.25	0.89	0.86	0.96	26%	35%
Charles University in Prague	Single institute	20	4396	13703	3.12	0.70	0.35	0.50	46%	30%
	National col.	34	7483	29405	3.93	0.75	0.42	0.56	37%	32%
	International col.	45	9896	86471	8.74	0.96	0.96	1.00	28%	32%
Institute of Physics ASCR	Single institute	12	798	2968	3.72	0.62	0.44	0.71	42%	39%
	National col.	14	899	2509	2.79	0.59	0.42	0.70	46%	42%
	International col.	74	4805	33520	6.98	0.89	0.92	1.04	30%	40%
Masaryk University	Single institute	27	1676	5183	3.09	0.75	0.34	0.46	47%	28%
	National col.	35	2163	8533	3.94	0.80	0.48	0.60	35%	36%
	International col.	37	2262	17212	7.61	0.99	0.91	0.92	30%	30%
Institute of Chemical Technology Prague	Single institute	31	1368	5347	3.91	0.78	0.30	0.38	40%	29%
	National col.	42	1886	7294	3.87	0.77	0.41	0.53	39%	38%
	International col.	27	1229	7372	6.00	0.79	0.65	0.82	29%	32%
Czech Technical University in Prague	Single institute	30	1083	1588	1.47	0.55	0.30	0.55	63%	33%
	National col.	25	923	2162	2.34	0.70	0.42	0.60	52%	33%
	International col.	45	1626	6742	4.15	0.97	0.77	0.79	41%	38%
Palacky University Olomouc	Single institute	27	916	3204	3.50	0.83	0.45	0.54	51%	29%
	National col.	38	1258	4688	3.73	0.92	0.47	0.51	41%	29%
	International col.	35	1167	8921	7.64	0.96	0.98	1.02	33%	28%
J. Heyrovsky Institute of Physical Chemistry ASCR	Single institute	19	519	5095	9.82	0.82	0.65	0.79	23%	26%
	National col.	21	567	4774	8.42	1.02	0.83	0.81	27%	31%
	International col.	60	1638	19889	12.14	1.00	1.16	1.16	19%	33%
Biology Centre ASCR	Single institute	22	587	3108	5.29	0.83	0.49	0.59	26%	34%
	National col.	30	824	4493	5.45	0.84	0.62	0.75	27%	31%
	International col.	48	1294	9888	7.64	0.91	0.81	0.89	24%	34%
University of South Bohemia in Ceske Budejovice	Single institute	15	397	1429	3.60	0.84	0.51	0.61	49%	25%
	National col.	45	1213	5893	4.86	0.87	0.68	0.78	33%	29%
	International col.	40	1088	6880	6.32	0.93	0.91	0.97	29%	33%
Institute of Organic Chemistry and Biochemistry ASCR	Single institute	21	551	2829	5.13	0.82	0.37	0.45	24%	40%
	National col.	37	969	7033	7.26	0.98	0.70	0.71	28%	35%
	International col.	43	1132	10138	8.96	0.88	0.83	0.94	22%	36%
Institute of Macromolecular Chemistry ASCR	Single institute	25	540	3638	6.74	0.75	0.60	0.80	26%	28%
	National col.	29	628	3025	4.82	0.70	0.53	0.77	32%	39%
	International col.	45	969	9097	9.39	0.97	1.04	1.07	22%	31%
Institute of Microbiology ASCR	Single institute	22	451	2797	6.20	0.70	0.39	0.56	24%	24%
	National col.	32	672	3314	4.93	0.66	0.40	0.60	29%	33%
	International col.	46	956	9220	9.64	0.81	0.66	0.81	17%	31%
University of Pardubice	Single institute	29	602	2210	3.67	0.77	0.39	0.51	41%	35%

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	National col.	38	789	2848	3.61	0.75	0.48	0.64	40%	41%
	International col.	33	670	4558	6.80	1.02	0.90	0.88	27%	34%
Institute of Physiology ASCR	Single institute	22	455	3672	8.07	0.54	0.41	0.76	22%	29%
	National col.	31	646	2670	4.13	0.55	0.33	0.59	32%	39%
	International col.	47	959	10980	11.45	0.71	0.64	0.91	19%	31%
Nuclear Physics Institute ASCR	Single institute	14	258	921	3.57	0.90	0.42	0.46	43%	41%
	National col.	19	363	1069	2.94	0.63	0.38	0.61	42%	43%
	International col.	67	1260	8418	6.68	1.01	0.92	0.92	34%	41%
Brno University of Technology	Single institute	40	720	1046	1.45	0.54	0.25	0.46	61%	37%
	National col.	31	569	1304	2.29	0.58	0.33	0.57	48%	38%
	International col.	29	523	2071	3.96	0.82	0.65	0.80	43%	34%
University of Veterinary and Pharmaceutical Sciences Brno	Single institute	26	371	715	1.93	0.88	0.35	0.40	42%	33%
	National col.	54	776	1818	2.34	0.97	0.54	0.56	44%	37%
	International col.	21	298	933	3.13	0.86	0.55	0.64	44%	36%
Mendel University in Brno	Single institute	40	539	1155	2.14	0.91	0.29	0.32	47%	27%
	National col.	41	553	1355	2.45	0.76	0.42	0.56	44%	52%
	International col.	19	263	1570	5.97	1.07	0.88	0.83	31%	37%
Czech University of Life Sciences Prague	Single institute	47	606	1016	1.68	1.12	0.29	0.26	52%	37%
	National col.	38	486	1320	2.72	0.97	0.50	0.52	47%	32%
	International col.	15	186	755	4.06	0.90	0.73	0.81	38%	34%
Institute of Chemical Process Fundamentals ASCR	Single institute	31	387	2085	5.39	0.73	0.48	0.66	32%	33%
	National col.	26	324	1343	4.15	0.65	0.52	0.80	31%	40%
	International col.	44	551	3030	5.50	0.65	0.66	1.03	27%	41%
Institute of Molecular Genetics ASCR	Single institute	18	215	1444	6.72	0.58	0.32	0.55	31%	30%
	National col.	30	349	2029	5.81	0.62	0.38	0.61	24%	35%
	International col.	52	602	10109	16.79	0.85	0.92	1.08	14%	26%
Institute of Biophysics ASCR	Single institute	22	252	3210	12.74	0.98	0.84	0.85	21%	31%
	National col.	33	369	2763	7.49	0.84	0.64	0.76	24%	41%
	International col.	45	504	7857	15.59	1.07	1.15	1.07	15%	35%
VSB-Technical University of Ostrava	Single institute	36	376	527	1.40	0.72	0.29	0.40	64%	39%
	National col.	32	331	741	2.24	0.87	0.42	0.48	54%	34%
	International col.	32	334	1178	3.53	0.99	0.82	0.83	50%	32%
Institute of Mathematics ASCR	Single institute	29	305	912	2.99	1.05	0.79	0.76	47%	29%
	National col.	13	137	326	2.38	0.88	0.64	0.73	51%	32%
	International col.	57	596	2045	3.43	1.20	1.08	0.90	42%	35%
Astronomical Institute ASCR	Single institute	24	245	890	3.63	0.47	0.26	0.56	40%	36%
	National col.	8	78	259	3.32	0.56	0.32	0.57	50%	36%
	International col.	69	705	4070	5.77	0.54	0.49	0.90	27%	39%
Institute of Inorganic Chemistry ASCR	Single institute	12	121	635	5.25	0.96	0.45	0.47	43%	31%
	National col.	40	403	1452	3.60	0.70	0.45	0.65	38%	39%
	International col.	48	483	1937	4.01	0.50	0.51	1.02	31%	51%
National Institute of Public Health and regional hygienic stations	Single institute	11	107	590	5.51	0.76	0.38	0.50	31%	16%
	National col.	45	445	2189	4.92	0.80	0.50	0.62	31%	28%
	International col.	44	442	5615	12.70	1.07	1.05	0.99	14%	27%

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Institution	Type Coop.	%	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
Institute of Botany ASCR	Single institute	26	257	1352	5.26	0.81	0.49	0.61	21%	31%
	National col.	41	403	1939	4.81	0.81	0.77	0.96	25%	34%
	International col.	33	323	2231	6.91	1.20	1.04	0.87	28%	30%
Institute of Experimental Medicine ASCR	Single institute	10	92	803	8.73	0.71	0.53	0.75	25%	25%
	National col.	43	415	3002	7.23	0.83	0.49	0.59	24%	30%
	International col.	47	457	6467	14.15	0.98	0.92	0.94	13%	29%
Institute of Physics of Materials ASCR	Single institute	29	270	863	3.20	0.57	0.49	0.85	36%	33%
	National col.	20	184	407	2.21	0.72	0.43	0.60	48%	37%
	International col.	51	472	2891	6.13	0.95	0.89	0.94	32%	36%
Institute for Clinical and Experimental Medicine	Single institute	19	175	1043	5.96	0.81	0.43	0.53	36%	10%
	National col.	41	375	1622	4.33	0.81	0.45	0.56	32%	21%
	International col.	39	358	6897	19.27	1.43	1.62	1.13	18%	18%
University of West Bohemia in Plzen	Single institute	32	276	1104	4.00	1.71	1.01	0.59	62%	20%
	National col.	32	280	534	1.91	0.90	0.44	0.49	74%	44%
	International col.	36	311	1614	5.19	1.53	1.41	0.92	41%	27%
Institute of Experimental Botany ASCR	Single institute	16	133	908	6.83	0.86	0.48	0.56	24%	29%
	National col.	36	303	1577	5.20	0.85	0.53	0.62	27%	33%
	International col.	48	409	5829	14.25	1.12	1.16	1.03	16%	26%
Veterinary Research Institute	Single institute	29	228	939	4.12	1.09	0.61	0.56	36%	39%
	National col.	46	357	1418	3.97	0.93	0.61	0.66	35%	38%
	International col.	25	192	1589	8.28	1.00	0.90	0.90	22%	40%
Institute of Information Theory and Automation ASCR	Single institute	31	236	1107	4.69	1.04	1.05	1.00	45%	21%
	National col.	20	155	310	2.00	0.70	0.41	0.58	54%	35%
	International col.	49	378	2179	5.76	1.22	1.38	1.13	35%	28%
Institute of Animal Physiology and Genetics ASCR	Single institute	14	104	629	6.05	1.01	0.50	0.50	24%	28%
	National col.	33	248	946	3.81	0.72	0.41	0.57	26%	35%
	International col.	53	403	3548	8.80	0.92	0.64	0.70	20%	34%
Crop Research Institute	Single institute	52	354	654	1.85	0.81	0.26	0.32	43%	35%
	National col.	28	189	474	2.51	0.91	0.48	0.52	47%	44%
	International col.	20	132	780	5.91	1.13	0.93	0.82	35%	28%
General University Hospital Prague	Single institute	7	44	143	3.25	0.69	0.26	0.38	39%	12%
	National col.	60	395	1573	3.98	0.96	0.40	0.42	44%	19%
	International col.	33	218	3157	14.48	1.18	1.31	1.11	19%	21%
University Hospital Brno	Single institute	13	80	244	3.05	0.88	0.24	0.27	41%	9%
	National col.	64	402	1441	3.58	0.82	0.37	0.46	38%	16%
	International col.	24	149	1935	12.99	1.26	1.29	1.02	23%	15%
University Hospital Motol	Single institute	12	78	376	4.82	1.04	0.45	0.43	38%	15%
	National col.	54	339	1332	3.93	0.86	0.42	0.48	38%	20%
	International col.	33	209	2716	13.00	0.98	1.16	1.19	20%	23%
Institute of Systems Biology and Ecology ASCR	Single institute	29	176	951	5.40	0.94	0.39	0.42	28%	27%
	National col.	37	226	932	4.12	0.99	0.62	0.63	40%	30%
	International col.	35	212	1340	6.32	1.01	0.85	0.85	28%	34%
University of Defense	Single institute	23	136	614	4.51	0.92	0.34	0.37	38%	58%
	National col.	51	307	658	2.14	0.69	0.26	0.37	47%	50%

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	International col.	27	161	1491	9.26	1.11	1.03	0.93	24%	32%
Institute of Computer Science ASCR	Single institute	37	225	515	2.29	0.68	0.56	0.82	53%	36%
	National col.	30	183	706	3.86	1.16	0.59	0.51	49%	19%
	International col.	32	194	1395	7.19	1.30	1.53	1.18	30%	28%
Institute of Animal Science	Single institute	34	202	423	2.09	0.73	0.30	0.41	41%	31%
	National col.	39	229	614	2.68	0.74	0.44	0.60	36%	32%
	International col.	27	160	1344	8.40	0.95	0.79	0.83	22%	25%
Institute of Hematology and Blood Transfusion	Single institute	25	147	643	4.37	0.72	0.27	0.38	41%	24%
	National col.	44	258	1201	4.66	0.67	0.33	0.49	28%	36%
	International col.	31	178	2073	11.65	0.70	0.70	1.01	17%	30%
Institute of Plasma Physics ASCR	Single institute	21	120	390	3.25	0.86	0.32	0.38	48%	28%
	National col.	16	90	192	2.13	0.73	0.29	0.40	57%	55%
	International col.	63	351	1186	3.38	0.98	0.58	0.59	48%	49%
University of Economics Prague	Single institute	71	390	209	0.54	0.68	0.10	0.15	72%	32%
	National col.	22	124	197	1.59	1.06	0.32	0.30	62%	23%
	International col.	7	39	116	2.97	1.00	0.54	0.54	49%	11%
Institute of Analytical Chemistry ASCR	Single institute	38	204	2129	10.44	0.65	0.68	1.05	15%	22%
	National col.	33	178	959	5.39	0.69	0.52	0.76	29%	30%
	International col.	30	160	1675	10.47	0.84	1.08	1.29	12%	27%
Institute of Vertebrate Biology ASCR	Single institute	16	86	750	8.72	1.49	1.19	0.80	23%	14%
	National col.	41	217	610	2.81	0.96	0.54	0.57	33%	33%
	International col.	43	231	1572	6.81	1.25	0.96	0.77	29%	36%
Czech Geological Survey	Single institute	15	80	302	3.78	0.69	0.46	0.67	33%	32%
	National col.	34	178	455	2.56	0.65	0.47	0.73	42%	36%
	International col.	51	267	2658	9.96	1.09	1.25	1.14	19%	28%
Institute of Geophysics ASCR	Single institute	34	179	805	4.50	0.71	0.37	0.51	30%	37%
	National col.	14	72	305	4.24	1.02	0.68	0.66	38%	33%
	International col.	52	273	1365	5.00	0.80	0.49	0.61	26%	40%
Institute of Photonics and Electronics ASCR	Single institute	33	166	1113	6.70	1.17	0.93	0.79	47%	22%
	National col.	25	129	486	3.77	0.83	0.53	0.64	46%	29%
	International col.	42	215	1290	6.00	0.90	1.01	1.12	30%	28%
Tomas Bata University in Zlin	Single institute	28	135	193	1.43	0.53	0.29	0.54	56%	39%
	National col.	32	156	255	1.63	0.56	0.36	0.63	53%	52%
	International col.	40	196	760	3.88	0.86	0.81	0.95	43%	31%
ASCR unresolved	Single institute	17	82	517	6.30	1.23	0.88	0.72	60%	14%
	National col.	31	151	555	3.68	0.68	0.35	0.52	37%	28%
	International col.	52	249	2549	10.24	0.96	0.91	0.95	21%	28%
University Hospital Hradec Kralove	Single institute	8	40	92	2.30	0.72	0.27	0.38	45%	16%
	National col.	70	334	819	2.45	0.70	0.29	0.42	43%	27%
	International col.	22	105	2102	20.02	2.35	2.09	0.89	25%	11%
Technical University of Liberec	Single institute	28	136	161	1.18	0.67	0.31	0.47	67%	25%
	National col.	29	139	159	1.14	0.49	0.30	0.60	58%	44%
	International col.	42	203	766	3.77	0.94	0.66	0.70	45%	40%
	Single institute	30	142	612	4.31	0.86	0.39	0.46	31%	35%

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Institute of Atmospheric Physics ASCR	Single institute	30	142	612	4.31	0.86	0.39	0.46	31%	35%
	National col.	15	74	231	3.12	0.64	0.48	0.74	38%	41%
	International col.	55	262	855	3.26	0.89	0.43	0.48	39%	45%
University Hospital Olomouc	Single institute	12	53	174	3.28	0.95	0.28	0.29	49%	4%
	National col.	69	312	783	2.51	0.80	0.31	0.39	52%	18%
	International col.	19	88	835	9.49	0.90	0.90	1.00	26%	23%
Institute of Geology ASCR	Single institute	15	56	173	3.09	0.66	0.33	0.49	34%	29%
	National col.	32	122	250	2.05	0.60	0.42	0.70	50%	43%
	International col.	54	207	896	4.33	0.85	0.65	0.77	33%	34%
Institute of Endocrinology	Single institute	24	82	652	7.95	0.81	0.44	0.54	24%	17%
	National col.	53	181	1016	5.61	0.71	0.40	0.56	19%	24%
	International col.	24	81	846	10.44	1.02	0.55	0.54	12%	32%
National Museum	Single institute	18	59	57	0.97	0.40	0.22	0.57	64%	38%
	National col.	31	102	205	2.01	0.77	0.47	0.61	49%	32%
	International col.	51	165	334	2.02	0.74	0.40	0.54	52%	69%
Silesian University in Opava	Single institute	44	141	246	1.74	0.46	0.30	0.65	45%	54%
	National col.	7	23	67	2.91	0.44	0.54	1.23	35%	32%
	International col.	49	159	461	2.90	0.57	0.49	0.86	43%	43%
Jan Evangelista Purkyne University in Usti nad Labem	Single institute	20	63	289	4.59	0.91	0.53	0.58	62%	12%
	National col.	51	159	277	1.74	0.55	0.36	0.66	55%	49%
	International col.	29	91	379	4.16	0.78	0.69	0.89	35%	35%
Institute of Thermomechanics ASCR	Single institute	30	93	229	2.46	0.71	0.52	0.73	59%	20%
	National col.	35	109	110	1.01	0.37	0.18	0.50	61%	52%
	International col.	35	107	282	2.64	0.63	0.52	0.83	49%	37%
Masaryk Memorial Cancer Institute	Single institute	10	30	180	6.00	0.56	0.31	0.55	33%	14%
	National col.	44	135	700	5.19	0.71	0.36	0.50	26%	29%
	International col.	46	140	4016	28.69	1.71	2.29	1.34	12%	14%
University Hospital in Plzen	Single institute	16	49	194	3.96	1.07	0.53	0.49	47%	7%
	National col.	49	147	469	3.19	0.89	0.40	0.45	40%	15%
	International col.	34	101	927	9.18	1.06	0.87	0.83	23%	17%
Institute of Scientific Instruments ASCR	Single institute	31	87	219	2.52	0.59	0.36	0.61	37%	41%
	National col.	27	76	210	2.76	0.67	0.41	0.61	38%	45%
	International col.	42	119	705	5.92	0.83	0.74	0.89	41%	38%
Na Homolce Hospital	Single institute	14	37	188	5.08	1.20	0.49	0.41	49%	11%
	National col.	56	151	942	6.24	1.16	0.62	0.53	38%	14%
	International col.	31	84	1021	12.15	1.26	1.43	1.13	20%	18%
Institute of Rock Structure and Mechanics ASCR	Single institute	27	67	55	0.82	0.28	0.13	0.47	60%	40%
	National col.	49	120	284	2.37	0.56	0.33	0.59	51%	32%
	International col.	24	60	197	3.28	0.76	0.50	0.66	43%	34%
University of Ostrava	Single institute	37	91	172	1.89	0.80	0.46	0.57	63%	30%
	National col.	35	87	338	3.89	0.98	0.61	0.62	39%	33%
	International col.	28	68	389	5.72	0.88	1.07	1.21	44%	28%
CERGE-Economics Institute ASCR	Single institute	27	62	65	1.05	0.53	0.16	0.30	60%	29%
	National col.	29	67	78	1.16	0.86	0.19	0.22	52%	14%

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	International col.	45	104	565	5.43	0.81	0.97	1.20	34%	17%
St. Anne's University Hospital Brno	Single institute	20	45	73	1.62	0.66	0.11	0.16	62%	17%
	National col.	55	124	634	5.11	1.10	0.53	0.48	44%	12%
	International col.	26	58	562	9.69	1.11	1.07	0.97	26%	16%
Institute of Psychology ASCR	Single institute	55	122	153	1.25	1.47	0.13	0.09	55%	40%
	National col.	36	79	108	1.37	0.92	0.15	0.17	51%	35%
	International col.	9	21	309	14.71	2.52	1.55	0.62	48%	14%
Prague Psychiatric Centre	Single institute	25	56	138	2.46	0.72	0.18	0.25	54%	28%
	National col.	51	113	388	3.43	0.64	0.36	0.56	44%	28%
	International col.	24	53	871	16.43	1.47	1.43	0.97	23%	15%
Institute of Sociology ASCR	Single institute	85	180	198	1.10	1.10	0.22	0.20	49%	36%
	National col.	8	18	24	1.33	1.78	0.39	0.22	50%	29%
	International col.	7	15	11	0.73	0.33	0.13	0.38	40%	45%
Czech National Bank	Single institute	54	113	97	0.86	1.34	0.14	0.11	62%	28%
	National col.	35	74	70	0.95	1.39	0.22	0.16	62%	26%
	International col.	11	24	35	1.46	1.12	0.26	0.23	63%	10%
University Hospital Kralovske Vinohrady	Single institute	11	21	99	4.71	1.04	0.38	0.37	52%	13%
	National col.	57	115	467	4.06	1.08	0.41	0.38	40%	17%
	International col.	32	64	1040	16.25	1.20	1.81	1.51	30%	15%
Zentiva	Single institute	28	54	237	4.39	0.72	0.23	0.32	30%	21%
	National col.	52	99	279	2.82	0.72	0.26	0.36	38%	39%
	International col.	20	39	193	4.95	1.04	0.72	0.69	31%	33%
Institute of Philosophy ASCR	Single institute	84	150	51	0.34	1.22	0.24	0.20	76%	29%
	National col.	15	26	5	0.19	0.61	0.20	0.32	85%	64%
	International col.	1	2	0	0.00	0.00	0.00	0.18	100%	
Research Institute of Organic Syntheses	Single institute	4	7	29	4.14	1.01	0.36	0.36	0%	36%
	National col.	49	87	258	2.97	0.75	0.40	0.53	44%	48%
	International col.	47	83	327	3.94	0.76	0.42	0.55	39%	49%
Institute for Postgraduate Medical Education	Single institute	11	19	49	2.58	0.99	0.17	0.17	68%	14%
	National col.	62	107	496	4.64	0.79	0.36	0.45	39%	20%
	International col.	27	47	919	19.55	1.51	1.29	0.85	17%	20%
Nuclear Research Institute Rez	Single institute	27	45	54	1.20	0.56	0.28	0.50	64%	21%
	National col.	19	32	85	2.66	1.09	0.49	0.45	53%	36%
	International col.	54	91	159	1.75	0.68	0.39	0.57	43%	56%
Faculty Hospital Na Bulovce	Single institute	13	21	113	5.38	0.69	0.31	0.46	67%	7%
	National col.	57	95	326	3.43	0.76	0.32	0.42	44%	20%
	International col.	31	51	794	15.57	1.20	1.33	1.11	24%	18%
University Hospital Ostrava	Single institute	13	22	25	1.14	0.59	0.07	0.12	55%	19%
	National col.	64	105	435	4.14	1.18	0.48	0.41	55%	11%
	International col.	23	38	796	20.95	1.62	2.00	1.23	26%	15%
University of Hradec Kralove	Single institute	30	49	28	0.57	0.63	0.15	0.24	71%	24%
	National col.	44	73	189	2.59	0.63	0.49	0.77	66%	31%
	International col.	26	43	196	4.56	0.77	0.78	1.01	35%	39%
	Single institute	7	12	52	4.33	2.26	0.80	0.35	17%	19%

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State Veterinary Administration of the Czech Republic	Single institute	7	12	52	4.33	2.26	0.80	0.35	17%	19%
	National col.	70	114	329	2.89	0.98	0.58	0.60	28%	48%
	International col.	22	36	287	7.97	1.40	1.11	0.79	14%	47%
Teva Czech Industries	Single institute	3	4	38	9.50	0.92	0.54	0.59	0%	5%
	National col.	74	117	391	3.34	0.59	0.24	0.41	37%	40%
	International col.	23	37	222	6.00	0.70	0.45	0.65	24%	47%
Institute of Rheumatology	Single institute	11	17	161	9.47	0.97	0.66	0.69	24%	9%
	National col.	31	47	311	6.62	0.77	0.57	0.74	30%	10%
	International col.	58	88	3410	38.75	2.33	2.73	1.17	7%	17%
Central Military Hospital Prague	Single institute	17	25	27	1.08	0.90	0.10	0.11	68%	23%
	National col.	69	103	446	4.33	1.08	0.49	0.45	41%	15%
	International col.	14	21	376	17.90	1.43	1.75	1.22	24%	10%
Research Institute for Cattle Breeding	Single institute	40	58	79	1.36	1.19	0.16	0.14	52%	43%
	National col.	48	69	107	1.55	0.85	0.34	0.39	48%	38%
	International col.	12	18	31	1.72	1.23	0.46	0.37	44%	24%
VUC Praha	Single institute	98	132	33	0.25	0.82	0.03	0.04	83%	62%
	National col.	2	3	1	0.33	4.56	0.11	0.02	67%	50%
Thomayer University Hospital	Single institute	7	9	2	0.22	0.08	0.01	0.19	78%	0%
	National col.	70	93	294	3.16	1.08	0.32	0.30	56%	11%
	International col.	23	31	254	8.19	1.03	0.86	0.83	26%	15%
Czech Hydrometeorological Institute	Single institute	12	15	42	2.80	0.44	0.37	0.84	40%	13%
	National col.	35	44	105	2.39	0.62	0.26	0.42	48%	40%
	International col.	54	68	667	9.81	1.35	1.41	1.05	22%	29%
Institute of Hydrodynamics ASCR	Single institute	32	40	78	1.95	0.42	0.39	0.92	58%	29%
	National col.	24	30	97	3.23	0.73	0.49	0.68	53%	27%
	International col.	44	55	231	4.20	0.72	0.50	0.69	35%	27%
Military Geography and Hydrometeorology Office Dobruska	Single institute	22	27	27	1.00	0.32	0.07	0.22	52%	33%
	National col.	56	69	101	1.46	0.58	0.23	0.40	54%	63%
	International col.	23	28	84	3.00	0.88	0.32	0.37	32%	43%
Czech Metrology Institute	Single institute	26	31	22	0.71	0.32	0.16	0.51	65%	44%
	National col.	38	45	41	0.91	0.35	0.18	0.53	56%	53%
	International col.	37	44	99	2.25	0.80	0.46	0.58	50%	48%
Institute of Geonics ASCR	Single institute	41	47	143	3.04	0.64	0.56	0.87	57%	22%
	National col.	36	41	73	1.78	0.73	0.39	0.53	68%	42%
	International col.	23	26	51	1.96	0.46	0.43	0.94	42%	50%
Institute of Theoretical and Applied Mechanics ASCR	Single institute	62	66	145	2.20	0.31	0.30	0.96	33%	27%
	National col.	13	14	28	2.00	0.66	0.43	0.66	50%	40%
	International col.	25	27	104	3.85	0.88	0.78	0.88	48%	36%
Moravian Museum	Single institute	24	24	32	1.33	0.87	0.16	0.18	58%	26%
	National col.	20	20	27	1.35	0.63	0.38	0.60	50%	23%
	International col.	57	58	175	3.02	0.77	0.38	0.50	34%	41%
National Radiation Protection Institute	Single institute	32	31	51	1.65	0.57	0.24	0.42	55%	22%
	National col.	33	32	82	2.56	0.66	0.37	0.57	47%	16%
	International col.	34	33	288	8.73	2.33	1.26	0.54	30%	28%

Appendix O - Temporal evolution of the percentage of publications by collaboration – block approach

Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Academy of Sciences (global)	Single institute	38%	36%	32%	29%	28%	26%	25%	23%	21%	21%	20%	19%	18%	18%
	National col.	15%	16%	18%	19%	20%	20%	21%	23%	24%	25%	26%	27%	27%	28%
	International col.	47%	48%	50%	52%	53%	54%	54%	54%	54%	54%	53%	54%	54%	54%
Charles University in Prague	Single institute	30%	29%	27%	26%	25%	24%	23%	21%	20%	19%	18%	18%	17%	16%
	National col.	27%	28%	28%	29%	29%	30%	31%	34%	35%	36%	36%	36%	38%	38%
	International col.	43%	43%	45%	45%	46%	46%	46%	45%	45%	46%	46%	46%	46%	46%
Institute of Physics ASCR	Single institute	21%	19%	16%	13%	12%	11%	12%	12%	12%	12%	12%	11%	9%	9%
	National col.	11%	12%	13%	13%	13%	12%	11%	13%	13%	14%	15%	14%	16%	16%
	International col.	68%	69%	72%	74%	76%	77%	77%	75%	75%	74%	73%	75%	75%	74%
Masaryk University	Single institute	40%	39%	38%	36%	36%	33%	31%	29%	27%	27%	26%	25%	24%	22%
	National col.	23%	25%	27%	27%	28%	29%	32%	35%	37%	37%	37%	38%	39%	41%
	International col.	37%	35%	35%	37%	36%	39%	37%	37%	37%	36%	37%	37%	37%	37%
Institute of Chemical Technology Prague	Single institute	39%	39%	37%	37%	37%	36%	34%	31%	30%	29%	29%	28%	25%	24%
	National col.	35%	36%	38%	39%	40%	41%	41%	44%	42%	41%	43%	43%	46%	47%
	International col.	27%	26%	25%	24%	24%	23%	26%	26%	28%	30%	28%	30%	29%	29%
Czech Technical University in Prague	Single institute	41%	39%	33%	30%	28%	28%	31%	35%	34%	32%	31%	28%	27%	27%
	National col.	27%	29%	30%	29%	27%	24%	24%	23%	24%	23%	24%	24%	25%	26%
	International col.	32%	32%	38%	42%	45%	48%	45%	42%	42%	44%	46%	48%	48%	47%
Palacky University Olomouc	Single institute	48%	43%	41%	39%	38%	35%	34%	31%	27%	26%	24%	22%	22%	22%
	National col.	26%	28%	31%	31%	30%	32%	30%	35%	37%	39%	41%	41%	42%	41%
	International col.	26%	29%	27%	30%	32%	32%	36%	34%	35%	35%	35%	37%	37%	37%
	Single institute	28%	27%	26%	25%	24%	22%	19%	18%	16%	14%	16%	13%	13%	14%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
J. Heyrovsky Institute of Physical Chemistry ASCR	Single institute	28%	27%	26%	25%	24%	22%	19%	18%	16%	14%	16%	13%	13%	14%
	National col.	14%	15%	16%	15%	17%	18%	19%	23%	26%	26%	26%	24%	23%	24%
	International col.	58%	57%	58%	60%	59%	60%	62%	59%	58%	60%	59%	63%	64%	63%
Biology Centre ASCR	Single institute	46%	41%	35%	32%	30%	28%	26%	23%	19%	17%	14%	11%	10%	10%
	National col.	14%	16%	19%	22%	25%	29%	29%	31%	34%	35%	39%	40%	40%	36%
	International col.	40%	42%	46%	46%	44%	44%	45%	46%	47%	48%	48%	49%	50%	54%
University of South Bohemia in Ceske Budejovice	Single institute	50%	42%	33%	29%	22%	20%	18%	15%	12%	10%	9%	9%	10%	12%
	National col.	31%	36%	38%	41%	43%	44%	46%	48%	49%	49%	51%	49%	48%	44%
	International col.	19%	22%	29%	30%	34%	35%	36%	38%	39%	40%	39%	42%	43%	44%
Institute of Organic Chemistry and Biochemistry ASCR	Single institute	37%	35%	33%	31%	28%	26%	21%	19%	16%	16%	18%	17%	16%	15%
	National col.	23%	26%	29%	33%	37%	39%	39%	40%	42%	40%	41%	39%	38%	38%
	International col.	40%	39%	38%	36%	34%	35%	40%	41%	42%	44%	41%	44%	46%	47%
Institute of Macromolecular Chemistry ASCR	Single institute	43%	41%	36%	33%	30%	25%	22%	20%	21%	22%	22%	22%	20%	18%
	National col.	16%	16%	19%	21%	23%	27%	28%	29%	32%	31%	34%	35%	37%	39%
	International col.	42%	43%	44%	45%	48%	49%	50%	50%	48%	47%	44%	43%	44%	43%
Institute of Microbiology ASCR	Single institute	33%	30%	28%	23%	20%	21%	20%	20%	20%	17%	18%	19%	19%	20%
	National col.	22%	25%	27%	29%	31%	29%	31%	32%	31%	34%	34%	33%	36%	38%
	International col.	45%	45%	46%	48%	48%	50%	49%	47%	48%	48%	48%	47%	45%	42%
University of Pardubice	Single institute	44%	45%	39%	35%	34%	28%	28%	29%	26%	24%	23%	22%	24%	26%
	National col.	29%	30%	31%	29%	31%	34%	36%	37%	39%	39%	41%	44%	43%	43%
	International col.	27%	25%	31%	36%	34%	38%	36%	34%	35%	37%	36%	34%	33%	31%
Institute of Physiology ASCR	Single institute	31%	30%	29%	27%	30%	26%	23%	20%	16%	18%	18%	20%	17%	16%
	National col.	22%	23%	23%	24%	22%	21%	27%	31%	35%	40%	38%	38%	39%	39%
	International col.	48%	46%	47%	49%	48%	53%	51%	50%	49%	42%	44%	43%	44%	45%
Nuclear Physics Institute ASCR	Single institute	18%	19%	17%	16%	16%	14%	12%	12%	12%	12%	13%	12%	12%	12%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	21%	21%	22%	19%	17%	15%	15%	16%	15%	14%	17%	20%	22%	26%
	International col.	62%	60%	61%	65%	68%	70%	73%	72%	73%	74%	69%	68%	66%	63%
Brno University of Technology	Single institute	48%	47%	42%	42%	39%	36%	37%	37%	39%	42%	40%	39%	40%	38%
	National col.	25%	29%	33%	33%	33%	33%	34%	33%	32%	31%	28%	30%	30%	32%
	International col.	27%	25%	26%	25%	28%	31%	29%	31%	28%	27%	32%	30%	31%	30%
University of Veterinary and Pharmaceutical Sciences Brno	Single institute	61%	54%	40%	29%	29%	31%	35%	31%	31%	27%	22%	21%	19%	18%
	National col.	27%	33%	43%	50%	51%	49%	47%	55%	57%	58%	60%	57%	56%	57%
	International col.	13%	13%	16%	21%	20%	20%	17%	14%	12%	16%	18%	22%	25%	25%
Mendel University in Brno	Single institute	76%	72%	63%	58%	50%	53%	50%	48%	44%	36%	31%	26%	28%	27%
	National col.	11%	13%	20%	27%	34%	35%	35%	36%	37%	42%	46%	50%	50%	51%
	International col.	13%	15%	16%	16%	16%	13%	15%	17%	19%	22%	23%	24%	22%	22%
Czech University of Life Sciences Prague	Single institute	70%	69%	66%	65%	62%	60%	60%	57%	52%	48%	40%	34%	38%	36%
	National col.	15%	17%	20%	22%	25%	27%	28%	31%	35%	39%	43%	49%	47%	48%
	International col.	15%	14%	14%	13%	13%	13%	11%	12%	13%	13%	17%	17%	14%	16%
Institute of Chemical Process Fundamentals ASCR	Single institute	51%	47%	38%	34%	32%	30%	29%	28%	29%	29%	27%	25%	24%	22%
	National col.	16%	17%	21%	23%	23%	24%	24%	27%	28%	28%	28%	27%	28%	31%
	International col.	33%	36%	41%	44%	45%	46%	47%	46%	43%	43%	45%	48%	48%	48%
Institute of Molecular Genetics ASCR	Single institute	24%	24%	25%	24%	22%	21%	21%	19%	19%	18%	17%	15%	14%	13%
	National col.	23%	23%	26%	27%	29%	31%	30%	30%	31%	32%	33%	35%	32%	32%
	International col.	53%	53%	49%	48%	48%	48%	49%	51%	50%	50%	50%	50%	54%	55%
Institute of Biophysics ASCR	Single institute	35%	32%	31%	28%	24%	24%	23%	20%	21%	18%	18%	19%	21%	21%
	National col.	18%	20%	25%	28%	34%	35%	37%	34%	34%	32%	34%	34%	35%	36%
	International col.	47%	47%	44%	43%	42%	40%	40%	45%	46%	50%	49%	46%	45%	42%
VSB-Technical University of Ostrava	Single institute	48%	47%	41%	40%	39%	42%	44%	40%	40%	36%	33%	33%	32%	32%
	National col.	25%	27%	26%	27%	28%	27%	28%	32%	33%	34%	35%	32%	32%	34%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	27%	27%	32%	34%	33%	31%	28%	28%	28%	30%	33%	35%	36%	34%
Institute of Mathematics ASCR	Single institute	39%	37%	37%	37%	40%	40%	39%	33%	28%	21%	21%	21%	20%	25%
	National col.	11%	13%	13%	16%	14%	13%	11%	9%	12%	12%	14%	14%	15%	14%
	International col.	50%	50%	50%	48%	46%	47%	50%	57%	60%	67%	65%	65%	65%	61%
Astronomical Institute ASCR	Single institute	39%	39%	32%	32%	28%	24%	26%	23%	21%	21%	18%	17%	18%	17%
	National col.	8%	7%	7%	5%	5%	6%	6%	7%	6%	6%	6%	6%	8%	9%
	International col.	53%	53%	61%	63%	66%	70%	68%	70%	74%	74%	76%	77%	74%	73%
Institute of Inorganic Chemistry ASCR	Single institute	28%	26%	24%	19%	16%	15%	14%	11%	10%	8%	8%	7%	7%	7%
	National col.	30%	31%	36%	36%	33%	36%	34%	40%	44%	41%	43%	43%	42%	46%
	International col.	42%	43%	41%	45%	51%	49%	52%	49%	46%	51%	48%	50%	51%	47%
National Institute of Public Health and regional hygienic stations	Single institute	24%	23%	17%	19%	17%	14%	15%	10%	9%	7%	6%	4%	5%	6%
	National col.	28%	31%	30%	33%	38%	37%	44%	50%	49%	53%	52%	50%	51%	50%
	International col.	48%	46%	52%	48%	45%	49%	41%	40%	42%	40%	42%	46%	44%	44%
Institute of Botany ASCR	Single institute	71%	70%	66%	62%	50%	46%	40%	34%	31%	25%	20%	17%	15%	12%
	National col.	13%	13%	15%	15%	22%	24%	33%	43%	45%	52%	51%	48%	48%	46%
	International col.	16%	17%	20%	23%	28%	30%	27%	23%	25%	24%	29%	35%	37%	42%
Institute of Experimental Medicine ASCR	Single institute	16%	15%	12%	12%	13%	10%	9%	8%	7%	7%	6%	5%	7%	8%
	National col.	35%	38%	41%	42%	45%	50%	48%	50%	47%	44%	42%	41%	42%	42%
	International col.	50%	47%	47%	47%	42%	41%	43%	42%	45%	49%	52%	54%	51%	50%
Institute of Physics of Materials ASCR	Single institute	46%	45%	41%	36%	34%	28%	28%	25%	26%	29%	26%	24%	21%	17%
	National col.	14%	16%	13%	13%	15%	14%	15%	15%	15%	15%	18%	23%	24%	32%
	International col.	39%	39%	46%	51%	51%	58%	57%	60%	59%	55%	56%	53%	54%	51%
Institute for Clinical and Experimental Medicine	Single institute	25%	31%	36%	37%	36%	33%	28%	23%	23%	18%	16%	16%	12%	11%
	National col.	39%	36%	30%	29%	26%	25%	26%	32%	37%	44%	47%	47%	48%	49%
	International col.	36%	33%	34%	34%	38%	42%	46%	46%	40%	39%	37%	38%	41%	40%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
University of West Bohemia in Plzen	Single institute	51%	44%	32%	26%	31%	32%	35%	38%	42%	42%	37%	33%	28%	25%
	National col.	20%	20%	26%	25%	25%	27%	27%	29%	26%	21%	31%	33%	37%	41%
	International col.	29%	36%	42%	50%	45%	41%	38%	33%	33%	36%	32%	34%	35%	34%
Institute of Experimental Botany ASCR	Single institute	36%	29%	25%	22%	20%	21%	24%	19%	17%	16%	10%	8%	8%	6%
	National col.	21%	21%	31%	33%	33%	37%	31%	35%	36%	38%	39%	38%	39%	41%
	International col.	43%	50%	44%	45%	47%	42%	45%	46%	47%	46%	50%	53%	52%	53%
Veterinary Research Institute	Single institute	49%	45%	34%	36%	33%	32%	33%	33%	31%	32%	28%	24%	23%	20%
	National col.	36%	40%	50%	48%	46%	48%	44%	41%	43%	39%	43%	47%	49%	52%
	International col.	14%	14%	16%	16%	20%	20%	23%	26%	26%	29%	29%	29%	28%	28%
Institute of Information Theory and Automation ASCR	Single institute	52%	47%	49%	38%	34%	28%	22%	24%	22%	26%	28%	24%	27%	25%
	National col.	11%	12%	12%	20%	22%	23%	25%	20%	20%	20%	19%	24%	24%	25%
	International col.	36%	41%	39%	43%	45%	49%	53%	56%	58%	54%	53%	52%	50%	51%
Institute of Animal Physiology and Genetics ASCR	Single institute	21%	20%	19%	19%	19%	20%	19%	17%	14%	9%	10%	7%	6%	8%
	National col.	26%	30%	31%	34%	31%	29%	28%	28%	30%	32%	37%	39%	40%	39%
	International col.	53%	50%	50%	47%	50%	51%	53%	55%	56%	59%	53%	54%	54%	53%
Crop Research Institute	Single institute	78%	78%	74%	72%	72%	68%	68%	62%	58%	51%	47%	37%	34%	33%
	National col.	12%	11%	13%	17%	15%	18%	21%	23%	24%	27%	28%	34%	39%	42%
	International col.	10%	11%	13%	12%	13%	14%	12%	14%	18%	22%	26%	29%	27%	26%
General University Hospital Prague	Single institute	11%	18%	19%	14%	14%	9%	8%	9%	9%	9%	7%	5%	4%	3%
	National col.	49%	44%	40%	45%	52%	59%	62%	67%	62%	62%	63%	59%	60%	63%
	International col.	40%	39%	40%	41%	34%	32%	30%	24%	28%	29%	29%	36%	36%	34%
University Hospital Brno	Single institute	36%	28%	23%	29%	23%	21%	20%	11%	12%	13%	9%	8%	9%	8%
	National col.	45%	54%	52%	52%	53%	57%	59%	65%	66%	61%	65%	67%	67%	68%
	International col.	18%	17%	25%	18%	24%	22%	21%	23%	21%	26%	26%	25%	24%	24%
University Hospital Motol	Single institute	24%	29%	29%	31%	29%	24%	20%	15%	14%	10%	10%	9%	7%	8%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	54%	48%	44%	42%	36%	41%	49%	51%	54%	52%	53%	54%	57%	60%
	International col.	22%	23%	26%	27%	35%	34%	31%	34%	32%	38%	37%	38%	35%	33%
Institute of Systems Biology and Ecology ASCR	Single institute	68%	64%	57%	49%	45%	47%	44%	38%	26%	9%	6%	4%	6%	4%
	National col.	13%	18%	20%	23%	27%	24%	29%	35%	42%	53%	53%	49%	47%	50%
	International col.	19%	19%	23%	27%	27%	29%	27%	27%	32%	38%	41%	47%	47%	46%
University of Defense	Single institute	66%	62%	58%	52%	41%	30%	28%	20%	25%	29%	27%	23%	16%	11%
	National col.	26%	28%	31%	33%	39%	41%	38%	44%	37%	41%	43%	47%	58%	61%
	International col.	8%	9%	11%	15%	20%	29%	33%	35%	38%	30%	30%	30%	27%	28%
Institute of Computer Science ASCR	Single institute	60%	51%	51%	48%	40%	41%	35%	36%	36%	36%	38%	36%	36%	30%
	National col.	16%	23%	20%	19%	23%	19%	21%	23%	28%	33%	33%	35%	35%	38%
	International col.	24%	26%	28%	33%	38%	40%	44%	41%	36%	31%	29%	29%	29%	32%
Institute of Animal Science	Single institute	65%	63%	54%	43%	35%	37%	33%	29%	28%	21%	24%	24%	23%	25%
	National col.	11%	14%	21%	25%	31%	29%	30%	42%	44%	51%	54%	52%	52%	51%
	International col.	23%	23%	25%	32%	34%	35%	37%	30%	29%	29%	22%	24%	24%	24%
Institute of Hematology and Blood Transfusion	Single institute	29%	31%	32%	32%	32%	28%	26%	24%	21%	25%	24%	25%	25%	20%
	National col.	32%	32%	31%	35%	43%	47%	51%	51%	51%	50%	50%	48%	48%	46%
	International col.	39%	37%	37%	33%	26%	25%	23%	25%	28%	25%	26%	27%	27%	34%
Institute of Plasma Physics ASCR	Single institute	50%	43%	31%	25%	29%	28%	26%	23%	20%	21%	19%	19%	20%	13%
	National col.	5%	8%	11%	17%	17%	19%	22%	18%	20%	19%	19%	18%	15%	14%
	International col.	45%	49%	58%	58%	53%	53%	52%	59%	60%	60%	62%	63%	65%	73%
University of Economics Prague	Single institute	95%	92%	86%	80%	78%	72%	64%	62%	54%	55%	55%	60%	69%	68%
	National col.	1%	3%	6%	13%	14%	23%	30%	33%	36%	33%	33%	29%	24%	26%
	International col.	4%	5%	7%	7%	8%	5%	6%	5%	9%	12%	12%	11%	7%	6%
Institute of Analytical Chemistry ASCR	Single institute	50%	47%	50%	50%	49%	50%	42%	35%	32%	32%	30%	30%	30%	29%
	National col.	21%	25%	24%	22%	28%	26%	29%	37%	40%	40%	42%	37%	36%	37%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	29%	29%	26%	27%	24%	25%	29%	28%	29%	28%	27%	32%	35%	34%
Institute of Vertebrate Biology ASCR	Single institute	50%	50%	58%	39%	32%	28%	26%	22%	19%	18%	15%	10%	10%	8%
	National col.	33%	33%	33%	36%	37%	36%	36%	38%	44%	47%	46%	45%	40%	38%
	International col.	17%	17%	8%	25%	31%	36%	38%	40%	38%	35%	40%	45%	51%	53%
Czech Geological Survey	Single institute	33%	29%	27%	22%	18%	20%	19%	17%	15%	11%	12%	12%	11%	11%
	National col.	16%	21%	27%	27%	30%	27%	25%	28%	26%	26%	26%	31%	37%	45%
	International col.	51%	51%	45%	51%	52%	53%	56%	56%	59%	62%	62%	57%	52%	44%
Institute of Geophysics ASCR	Single institute	51%	46%	42%	34%	41%	38%	40%	38%	32%	35%	30%	27%	28%	24%
	National col.	3%	4%	9%	11%	9%	11%	9%	9%	10%	11%	14%	17%	19%	24%
	International col.	46%	50%	49%	55%	50%	51%	51%	53%	57%	55%	55%	56%	53%	52%
Institute of Photonics and Electronics ASCR	Single institute	37%	41%	41%	43%	41%	38%	36%	32%	30%	29%	31%	30%	30%	28%
	National col.	22%	19%	17%	15%	18%	21%	22%	24%	24%	27%	30%	32%	30%	30%
	International col.	41%	40%	42%	43%	41%	41%	42%	44%	46%	44%	39%	39%	41%	43%
Tomas Bata University in Zlin	Single institute	18%	27%	36%	33%	50%	47%	43%	37%	35%	32%	28%	26%	26%	24%
	National col.	45%	47%	36%	33%	40%	32%	29%	28%	26%	23%	23%	28%	31%	36%
	International col.	36%	27%	27%	33%	10%	21%	29%	35%	39%	45%	49%	46%	44%	40%
ASCR unresolved	Single institute	19%	17%	11%	13%	17%	17%	21%	20%	17%	18%	16%	17%	17%	15%
	National col.	31%	31%	33%	26%	27%	26%	24%	30%	31%	35%	39%	37%	35%	34%
	International col.	50%	52%	56%	61%	57%	57%	55%	50%	51%	46%	45%	46%	48%	51%
University Hospital Hradec Kralove	Single institute	33%	24%	17%	10%	7%	5%	4%	7%	6%	6%	6%	6%	7%	8%
	National col.	39%	58%	63%	71%	68%	65%	69%	66%	71%	70%	67%	72%	74%	72%
	International col.	28%	18%	20%	20%	25%	31%	27%	27%	23%	24%	27%	22%	19%	20%
Technical University of Liberec	Single institute	35%	32%	33%	28%	26%	29%	28%	37%	35%	33%	32%	26%	26%	25%
	National col.	18%	13%	10%	11%	15%	22%	26%	24%	24%	24%	28%	31%	32%	37%
	International col.	47%	55%	57%	61%	58%	49%	46%	39%	41%	43%	41%	43%	42%	38%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Institute of Atmospheric Physics ASCR	Single institute	51%	42%	39%	33%	33%	41%	44%	45%	38%	35%	32%	29%	23%	19%
	National col.	2%	6%	10%	11%	17%	15%	14%	15%	14%	16%	16%	15%	16%	18%
	International col.	46%	52%	51%	56%	49%	44%	42%	40%	48%	49%	52%	56%	62%	63%
University Hospital Olomouc	Single institute	30%	29%	28%	27%	29%	25%	18%	13%	11%	11%	9%	9%	8%	6%
	National col.	48%	50%	53%	54%	51%	49%	57%	62%	66%	69%	69%	72%	72%	76%
	International col.	22%	21%	19%	19%	20%	25%	25%	25%	23%	20%	22%	19%	20%	17%
Institute of Geology ASCR	Single institute	44%	34%	25%	25%	18%	21%	19%	17%	17%	16%	14%	11%	10%	6%
	National col.	21%	20%	19%	18%	12%	14%	22%	27%	34%	36%	29%	30%	30%	38%
	International col.	36%	46%	56%	57%	69%	65%	59%	56%	49%	48%	57%	59%	61%	55%
Institute of Endocrinology	Single institute	36%	40%	36%	33%	28%	18%	22%	20%	18%	23%	19%	18%	25%	21%
	National col.	36%	34%	40%	40%	45%	53%	53%	58%	61%	58%	62%	61%	55%	55%
	International col.	28%	26%	25%	27%	28%	29%	25%	21%	21%	19%	19%	21%	20%	23%
National Museum	Single institute	58%	50%	35%	26%	21%	22%	23%	29%	24%	23%	19%	14%	13%	12%
	National col.	21%	31%	43%	48%	58%	48%	43%	39%	29%	28%	26%	25%	27%	30%
	International col.	21%	19%	22%	26%	21%	30%	33%	32%	47%	49%	56%	61%	60%	58%
Silesian University in Opava	Single institute	50%	52%	45%	43%	41%	41%	45%	48%	52%	46%	43%	41%	35%	41%
	National col.	0%	0%	5%	11%	14%	14%	13%	8%	4%	2%	1%	2%	10%	9%
	International col.	50%	48%	50%	47%	45%	44%	42%	44%	44%	52%	56%	57%	56%	50%
Jan Evangelista Purkyně University in Ústí nad Labem	Single institute	33%	40%	31%	13%	15%	14%	21%	30%	28%	27%	21%	20%	20%	17%
	National col.	44%	40%	44%	48%	48%	50%	44%	43%	42%	37%	40%	44%	52%	58%
	International col.	22%	20%	25%	39%	36%	36%	35%	28%	31%	36%	39%	36%	29%	25%
Institute of Thermomechanics ASCR	Single institute	45%	45%	35%	29%	33%	30%	35%	34%	30%	29%	28%	29%	27%	26%
	National col.	28%	26%	25%	32%	27%	25%	27%	25%	32%	34%	38%	39%	37%	42%
	International col.	28%	29%	40%	39%	40%	45%	39%	41%	38%	37%	34%	33%	36%	31%
Masaryk Memorial Cancer Institute	Single institute	6%	16%	28%	29%	27%	17%	12%	10%	8%	8%	7%	7%	7%	7%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	25%	32%	24%	32%	43%	50%	54%	56%	57%	53%	50%	44%	40%	38%
	International col.	69%	52%	48%	38%	30%	33%	35%	34%	35%	39%	43%	49%	53%	55%
University Hospital in Plzen	Single institute	9%	19%	13%	22%	20%	20%	19%	13%	15%	14%	16%	19%	20%	16%
	National col.	36%	38%	38%	28%	33%	31%	32%	48%	48%	49%	53%	52%	54%	58%
	International col.	55%	44%	50%	50%	47%	49%	49%	39%	37%	37%	31%	29%	27%	26%
Institute of Scientific Instruments ASCR	Single institute	51%	50%	30%	22%	22%	23%	25%	27%	30%	28%	28%	28%	25%	29%
	National col.	12%	15%	21%	22%	18%	18%	22%	31%	30%	28%	33%	27%	35%	36%
	International col.	37%	35%	49%	55%	59%	60%	53%	42%	39%	44%	39%	45%	40%	36%
Na Homolce Hospital	Single institute	67%	44%	31%	23%	20%	17%	17%	13%	9%	10%	11%	11%	13%	12%
	National col.	33%	56%	56%	54%	53%	54%	56%	65%	67%	66%	64%	54%	52%	49%
	International col.	0%	0%	13%	23%	28%	29%	28%	23%	24%	24%	25%	35%	35%	39%
Institute of Rock Structure and Mechanics ASCR	Single institute	45%	37%	32%	29%	21%	20%	16%	14%	21%	21%	30%	29%	33%	31%
	National col.	35%	44%	55%	59%	57%	54%	49%	46%	46%	45%	43%	46%	43%	49%
	International col.	20%	19%	13%	12%	21%	26%	35%	39%	33%	34%	26%	25%	24%	21%
University of Ostrava	Single institute	92%	87%	75%	71%	50%	47%	41%	33%	36%	33%	33%	31%	29%	31%
	National col.	8%	13%	25%	29%	42%	47%	34%	40%	41%	38%	39%	41%	38%	34%
	International col.	0%	0%	0%	0%	8%	7%	24%	28%	23%	29%	28%	28%	33%	35%
CERGE-Economics Institute ASCR	Single institute	76%	59%	48%	37%	22%	22%	18%	19%	21%	18%	18%	23%	23%	25%
	National col.	10%	19%	24%	33%	42%	39%	44%	39%	36%	36%	29%	25%	20%	15%
	International col.	14%	22%	28%	30%	36%	39%	38%	42%	42%	46%	54%	52%	57%	60%
St. Anne's University Hospital Brno	Single institute	40%	47%	42%	39%	39%	37%	36%	27%	24%	19%	15%	16%	12%	10%
	National col.	40%	35%	33%	39%	42%	44%	51%	56%	52%	59%	57%	56%	59%	59%
	International col.	20%	18%	25%	21%	18%	20%	13%	16%	24%	22%	28%	29%	29%	31%
Institute of Psychology ASCR	Single institute	65%	61%	60%	60%	59%	66%	63%	56%	56%	50%	51%	54%	52%	48%
	National col.	31%	31%	31%	33%	30%	29%	30%	32%	30%	37%	37%	37%	39%	42%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	4%	8%	9%	6%	11%	5%	8%	12%	14%	13%	12%	9%	9%	10%
Prague Psychiatric Centre	Single institute	56%	54%	48%	39%	44%	42%	37%	33%	26%	14%	14%	10%	10%	8%
	National col.	31%	33%	38%	42%	39%	35%	34%	33%	39%	58%	59%	67%	63%	64%
	International col.	14%	13%	15%	18%	17%	23%	29%	33%	34%	28%	27%	22%	28%	28%
Institute of Sociology ASCR	Single institute	86%	82%	83%	90%	91%	95%	90%	88%	87%	84%	82%	84%	80%	81%
	National col.	7%	6%	5%	3%	0%	0%	2%	5%	6%	11%	12%	11%	14%	12%
	International col.	7%	12%	12%	8%	9%	5%	7%	7%	7%	5%	6%	5%	7%	8%
Czech National Bank	Single institute	100%	94%	88%	74%	64%	54%	45%	46%	42%	45%	48%	48%	47%	41%
	National col.	0%	3%	3%	18%	27%	32%	41%	37%	39%	40%	40%	45%	45%	50%
	International col.	0%	3%	9%	9%	9%	15%	14%	18%	19%	15%	12%	7%	9%	9%
University Hospital Kralovske Vinohrady	Single institute	0%	10%	13%	17%	16%	21%	22%	21%	24%	16%	12%	8%	4%	4%
	National col.	43%	40%	40%	44%	63%	61%	61%	57%	49%	54%	56%	59%	65%	61%
	International col.	57%	50%	47%	39%	21%	18%	17%	21%	27%	30%	32%	33%	31%	35%
Zentiva	Single institute	53%	47%	51%	47%	38%	41%	37%	38%	35%	31%	29%	15%	13%	9%
	National col.	34%	44%	44%	47%	57%	54%	53%	50%	48%	53%	54%	54%	54%	54%
	International col.	13%	9%	5%	6%	4%	5%	10%	13%	17%	17%	17%	31%	34%	36%
Institute of Philosophy ASCR	Single institute	96%	92%	90%	92%	95%	96%	100%	97%	92%	77%	67%	71%	74%	74%
	National col.	4%	8%	10%	8%	5%	4%	0%	0%	4%	21%	31%	27%	24%	25%
	International col.	0%	0%	0%	0%	0%	0%	0%	3%	4%	3%	3%	2%	2%	2%
Research Institute of Organic Syntheses	Single institute	24%	14%	16%	15%	8%	9%	3%	0%	0%	0%	0%	0%	0%	0%
	National col.	29%	31%	23%	21%	37%	36%	50%	55%	43%	38%	42%	44%	58%	67%
	International col.	47%	55%	61%	64%	55%	55%	47%	45%	57%	62%	58%	56%	42%	33%
Institute for Postgraduate Medical Education	Single institute	26%	26%	22%	21%	20%	15%	13%	11%	8%	5%	2%	0%	4%	4%
	National col.	48%	50%	42%	47%	47%	48%	69%	67%	69%	68%	65%	67%	68%	72%
	International col.	26%	24%	36%	32%	33%	36%	18%	22%	24%	27%	33%	33%	28%	23%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Nuclear Research Institute Rez	Single institute	67%	57%	59%	50%	39%	35%	23%	16%	24%	24%	15%	18%	18%	21%
	National col.	11%	29%	24%	20%	26%	13%	23%	34%	30%	24%	15%	12%	14%	17%
	International col.	22%	14%	18%	30%	35%	52%	53%	50%	45%	52%	70%	70%	69%	62%
Faculty Hospital Na Bulovce	Single institute	16%	21%	23%	33%	34%	38%	36%	14%	11%	2%	0%	0%	0%	5%
	National col.	52%	53%	52%	50%	34%	23%	24%	41%	54%	67%	74%	69%	68%	66%
	International col.	32%	26%	26%	17%	31%	38%	40%	45%	34%	31%	26%	31%	32%	29%
University Hospital Ostrava	Single institute	57%	58%	53%	39%	32%	19%	13%	11%	10%	12%	15%	15%	10%	5%
	National col.	43%	42%	47%	56%	50%	50%	53%	55%	62%	62%	62%	63%	69%	73%
	International col.	0%	0%	0%	6%	18%	31%	33%	34%	29%	26%	23%	22%	21%	22%
University of Hradec Kralove	Single institute	88%	75%	63%	45%	32%	29%	23%	23%	24%	25%	29%	33%	32%	26%
	National col.	13%	8%	16%	25%	32%	36%	37%	41%	41%	46%	44%	43%	45%	52%
	International col.	0%	17%	21%	30%	36%	36%	40%	36%	35%	29%	27%	24%	23%	22%
State Veterinary Administration of the Czech Republic	Single institute	26%	19%	15%	9%	9%	10%	6%	0%	2%	3%	5%	5%	6%	4%
	National col.	74%	70%	76%	80%	71%	77%	69%	71%	69%	64%	67%	67%	69%	73%
	International col.	0%	11%	9%	11%	20%	13%	25%	29%	29%	32%	28%	27%	24%	22%
Teva Czech Industries	Single institute	2%	4%	4%	7%	6%	3%	4%	3%	2%	2%	2%	0%	0%	0%
	National col.	56%	61%	76%	77%	82%	91%	86%	84%	78%	72%	80%	84%	83%	87%
	International col.	42%	36%	20%	16%	12%	6%	11%	14%	20%	26%	18%	16%	17%	13%
Institute of Rheumatology	Single institute	27%	33%	28%	23%	19%	13%	15%	12%	11%	9%	7%	6%	5%	5%
	National col.	36%	22%	39%	32%	23%	23%	20%	23%	22%	28%	24%	34%	41%	40%
	International col.	36%	44%	33%	45%	58%	65%	66%	65%	67%	63%	69%	60%	54%	55%
Central Military Hospital Prague	Single institute	0%	18%	25%	27%	24%	22%	20%	20%	26%	24%	20%	16%	11%	11%
	National col.	100%	82%	75%	73%	71%	74%	73%	66%	58%	51%	55%	63%	71%	76%
	International col.	0%	0%	0%	0%	5%	4%	7%	14%	16%	24%	24%	21%	18%	14%
Research Institute for Cattle Breeding	Single institute	93%	93%	86%	69%	56%	32%	19%	14%	4%	4%	5%	12%	4%	6%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	7%	7%	14%	27%	38%	61%	69%	71%	80%	72%	67%	59%	64%	69%
	International col.	0%	0%	0%	4%	6%	8%	11%	14%	16%	24%	29%	29%	32%	25%
VUC Praha	Single institute	100%	100%	100%	100%	100%	98%	97%	96%	97%	100%	100%	100%	100%	91%
	National col.	0%	0%	0%	0%	0%	2%	3%	4%	3%	0%	0%	0%	0%	9%
Thomayer University Hospital	Single institute	20%	17%	22%	23%	14%	18%	14%	10%	13%	9%	6%	6%	3%	2%
	National col.	60%	67%	67%	62%	71%	65%	68%	74%	61%	64%	68%	68%	73%	76%
	International col.	20%	17%	11%	15%	14%	18%	18%	16%	26%	27%	26%	26%	23%	23%
Czech Hydrometeorological Institute	Single institute	0%	0%	0%	13%	25%	33%	31%	19%	15%	9%	10%	14%	9%	10%
	National col.	67%	75%	50%	38%	33%	20%	19%	28%	29%	29%	32%	26%	32%	36%
	International col.	33%	25%	50%	50%	42%	47%	50%	53%	56%	62%	59%	60%	58%	54%
Institute of Hydrodynamics ASCR	Single institute	35%	33%	30%	27%	27%	30%	18%	19%	23%	20%	26%	23%	31%	38%
	National col.	25%	22%	22%	23%	14%	20%	23%	24%	27%	24%	26%	23%	26%	26%
	International col.	40%	44%	48%	50%	59%	50%	59%	57%	50%	56%	48%	55%	44%	36%
Military Geography and Hydrometeorology Office Dobruska	Single institute	57%	45%	45%	50%	38%	44%	34%	24%	21%	17%	17%	10%	9%	4%
	National col.	43%	50%	50%	32%	33%	24%	31%	40%	41%	43%	47%	62%	74%	82%
	International col.	0%	5%	5%	18%	29%	32%	34%	36%	38%	40%	37%	28%	17%	14%
Czech Metrology Institute	Single institute	33%	40%	29%	44%	38%	29%	32%	21%	22%	18%	17%	18%	23%	29%
	National col.	33%	20%	14%	11%	15%	18%	32%	36%	41%	45%	42%	52%	43%	40%
	International col.	33%	40%	57%	44%	46%	53%	36%	42%	38%	38%	42%	30%	34%	31%
Institute of Geonics ASCR	Single institute	71%	50%	50%	44%	50%	50%	53%	45%	30%	37%	45%	36%	45%	39%
	National col.	14%	14%	19%	22%	22%	44%	41%	45%	48%	33%	29%	31%	34%	40%
	International col.	14%	36%	31%	33%	28%	6%	6%	9%	22%	30%	26%	33%	21%	21%
Institute of Theoretical and Applied Mechanics ASCR	Single institute	86%	82%	85%	67%	62%	61%	63%	57%	59%	56%	50%	59%	55%	46%
	National col.	5%	4%	0%	4%	7%	11%	13%	11%	15%	15%	17%	18%	20%	25%
	International col.	9%	14%	15%	29%	31%	29%	25%	32%	26%	30%	33%	23%	25%	29%

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Moravian Museum	Single institute	47%	37%	18%	32%	33%	35%	40%	24%	26%	33%	29%	20%	9%	9%
	National col.	0%	5%	12%	11%	11%	6%	0%	12%	11%	19%	25%	20%	30%	31%
	International col.	53%	58%	71%	58%	56%	59%	60%	65%	63%	48%	46%	60%	61%	60%
National Radiation Protection Institute	Single institute	100%	80%	75%	50%	44%	32%	22%	31%	35%	37%	38%	29%	22%	26%
	National col.	0%	0%	0%	29%	31%	42%	56%	50%	40%	32%	24%	19%	31%	34%
	International col.	0%	20%	25%	21%	25%	26%	22%	19%	25%	32%	38%	52%	47%	40%

Appendix P - Temporal evolution of CPP/FCSm for the main Czech institutions by collaboration – block approach

Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Academy of Sciences (global)	Single institute	0.38	0.39	0.38	0.36	0.43	0.46	0.52	0.49	0.49	0.56	0.57	0.58	0.63	0.66
	National col.	0.26	0.28	0.31	0.32	0.35	0.40	0.47	0.49	0.49	0.52	0.55	0.56	0.58	0.61
	International col.	0.83	0.85	0.88	0.84	0.78	0.81	0.86	0.87	0.85	0.89	0.98	1.06	1.05	0.99
Charles University in Prague	Single institute	0.27	0.29	0.27	0.25	0.26	0.27	0.33	0.38	0.41	0.43	0.43	0.39	0.45	0.51
	National col.	0.24	0.24	0.23	0.25	0.28	0.32	0.35	0.38	0.41	0.45	0.46	0.50	0.53	0.56
	International col.	1.12	1.12	1.20	1.02	0.98	0.94	0.92	0.94	0.93	0.92	0.99	1.10	1.14	1.21
Institute of Physics ASCR	Single institute	0.45	0.38	0.40	0.35	0.36	0.41	0.52	0.55	0.50	0.48	0.45	0.55	0.51	0.57
	National col.	0.52	0.45	0.40	0.34	0.35	0.32	0.36	0.45	0.47	0.38	0.43	0.35	0.39	0.35
	International col.	1.16	1.23	1.37	1.27	1.08	1.06	1.03	1.05	0.96	0.89	1.15	1.37	1.29	1.18
Masaryk University	Single institute	0.36	0.31	0.30	0.25	0.32	0.30	0.37	0.36	0.47	0.39	0.47	0.42	0.46	0.45
	National col.	0.33	0.32	0.34	0.42	0.47	0.40	0.41	0.43	0.44	0.47	0.49	0.53	0.58	0.61
	International col.	0.72	0.63	0.54	0.56	0.85	0.97	0.99	1.12	1.22	0.95	0.84	0.97	0.99	0.97
Institute of Chemical Technology Prague	Single institute	0.22	0.22	0.21	0.19	0.22	0.23	0.22	0.21	0.28	0.39	0.42	0.44	0.36	0.33
	National col.	0.17	0.21	0.27	0.31	0.31	0.30	0.42	0.46	0.48	0.51	0.58	0.46	0.41	0.45
	International col.	0.51	0.52	0.51	0.63	0.81	0.90	0.98	0.65	0.62	0.60	0.57	0.67	0.69	0.69
Czech Technical University in Prague	Single institute	0.28	0.24	0.16	0.17	0.23	0.15	0.20	0.27	0.37	0.39	0.35	0.22	0.22	0.32
	National col.	0.17	0.22	0.26	0.36	0.32	0.32	0.38	0.43	0.45	0.40	0.42	0.37	0.42	0.36
	International col.	0.47	0.53	0.59	0.59	0.43	0.43	0.47	0.53	0.51	0.50	0.70	0.91	1.21	1.44
Palacky University Olomouc	Single institute	0.26	0.26	0.23	0.29	0.29	0.24	0.31	0.45	0.65	0.73	0.47	0.53	0.49	0.48
	National col.	0.45	0.35	0.27	0.16	0.24	0.31	0.34	0.39	0.44	0.44	0.50	0.49	0.56	0.67
	International col.	0.75	0.97	0.98	1.05	1.36	0.78	0.97	0.77	0.76	0.80	1.03	1.05	1.04	1.14

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
J. Heyrovsky Institute of Physical Chemistry ASCR	Single institute	0.63	0.72	0.72	0.46	0.53	0.69	0.91	0.63	0.53	0.69	0.64	0.56	0.62	0.63
	National col.	0.72	0.72	0.91	0.83	0.70	0.63	0.92	1.05	0.86	1.01	0.82	0.74	0.48	0.55
	International col.	1.60	1.38	1.08	1.17	1.08	1.19	1.39	1.27	1.21	1.08	1.01	1.01	0.91	0.84
Biology Centre ASCR	Single institute	0.40	0.37	0.44	0.44	0.59	0.47	0.51	0.39	0.36	0.45	0.46	0.56	0.65	0.91
	National col.	0.44	0.46	0.32	0.38	0.46	0.59	0.48	0.47	0.66	0.72	0.69	0.57	0.56	0.59
	International col.	0.60	0.62	0.81	0.85	0.85	0.77	0.76	0.71	0.83	0.88	0.92	0.90	0.82	0.93
University of South Bohemia in Ceske Budejovice	Single institute	0.37	0.37	0.28	0.34	0.32	0.34	0.31	0.51	0.59	0.73	0.57	0.59	0.51	0.44
	National col.	0.43	0.40	0.35	0.56	0.64	0.69	0.56	0.47	0.66	0.63	0.68	0.56	0.60	0.66
	International col.	0.22	0.41	0.64	0.79	0.73	0.71	0.88	0.85	0.82	0.79	0.87	0.98	0.93	0.89
Institute of Organic Chemistry and Biochemistry ASCR	Single institute	0.33	0.28	0.23	0.19	0.30	0.42	0.42	0.39	0.35	0.54	0.58	0.66	0.70	0.87
	National col.	0.21	0.29	0.33	0.40	0.38	0.44	0.71	0.83	0.66	0.78	0.86	0.82	0.85	1.04
	International col.	0.47	0.50	0.54	0.55	0.43	0.58	0.67	0.82	1.07	0.97	1.02	1.11	1.23	1.22
Institute of Macromolecular Chemistry ASCR	Single institute	0.34	0.40	0.44	0.40	0.68	0.64	0.78	0.77	0.52	0.68	0.77	1.03	1.03	0.88
	National col.	0.07	0.16	0.31	0.38	0.30	0.35	0.61	0.59	0.49	0.49	0.51	0.56	0.58	0.55
	International col.	0.95	0.98	1.05	1.09	1.08	1.12	1.10	1.11	0.94	1.02	0.99	0.90	0.94	1.27
Institute of Microbiology ASCR	Single institute	0.16	0.19	0.19	0.18	0.35	0.32	0.37	0.39	0.44	0.46	0.41	0.47	0.71	0.85
	National col.	0.14	0.20	0.23	0.21	0.23	0.23	0.39	0.47	0.37	0.42	0.47	0.49	0.53	0.61
	International col.	0.67	0.66	0.48	0.54	0.54	0.67	0.72	0.71	0.79	0.66	0.65	0.64	0.75	0.87
University of Pardubice	Single institute	0.12	0.22	0.27	0.26	0.23	0.34	0.34	0.26	0.34	0.44	0.45	0.45	0.47	0.53
	National col.	0.28	0.25	0.27	0.18	0.25	0.39	0.46	0.48	0.43	0.59	0.62	0.54	0.52	0.50
	International col.	0.87	0.96	1.15	0.67	0.57	0.46	0.44	0.70	0.78	0.82	0.87	0.86	0.89	0.96
Institute of Physiology ASCR	Single institute	0.34	0.34	0.38	0.33	0.36	0.40	0.38	0.41	0.45	0.63	0.61	0.68	0.56	0.45
	National col.	0.15	0.19	0.20	0.28	0.26	0.25	0.26	0.32	0.33	0.37	0.44	0.41	0.39	0.45
	International col.	0.63	0.76	0.89	0.66	0.63	0.71	0.73	0.56	0.61	0.58	0.64	0.97	0.96	0.84
Nuclear Physics Institute ASCR	Single institute	0.15	0.20	0.20	0.21	0.25	0.55	0.99	0.81	0.69	0.65	0.61	0.68	0.43	0.38

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	0.15	0.20	0.27	0.40	0.35	0.25	0.33	0.35	0.47	0.34	0.29	0.38	0.37	0.41
	International col.	0.51	0.54	0.60	0.68	0.66	0.60	0.70	0.84	0.96	1.21	1.53	1.60	1.71	1.24
Brno University of Technology	Single institute	0.10	0.12	0.15	0.13	0.18	0.25	0.17	0.14	0.22	0.30	0.32	0.32	0.31	0.37
	National col.	0.04	0.11	0.14	0.23	0.31	0.44	0.43	0.36	0.24	0.23	0.29	0.42	0.45	0.52
	International col.	0.68	0.54	0.23	0.31	0.46	0.56	0.56	0.71	0.64	0.37	0.44	0.54	0.56	0.84
University of Veterinary and Pharmaceutical Sciences Brno	Single institute	0.08	0.12	0.20	0.32	0.40	0.47	0.37	0.42	0.40	0.29	0.25	0.24	0.39	0.38
	National col.	0.00	0.09	0.23	0.35	0.47	0.56	0.35	0.42	0.53	0.55	0.45	0.46	0.58	0.55
	International col.	0.08	0.13	0.15	0.19	0.58	0.54	0.55	0.71	0.63	0.53	0.51	0.54	0.61	0.69
Mendel University in Brno	Single institute	0.13	0.13	0.18	0.12	0.19	0.32	0.38	0.26	0.24	0.25	0.36	0.54	0.58	0.97
	National col.	0.00	0.00	0.10	0.37	0.27	0.28	0.46	0.38	0.27	0.29	0.48	0.61	0.61	0.47
	International col.	0.89	0.76	0.88	0.72	1.11	0.77	0.58	0.69	0.76	1.06	1.02	0.92	0.77	0.95
Czech University of Life Sciences Prague	Single institute	0.18	0.33	0.32	0.23	0.22	0.25	0.40	0.31	0.28	0.34	0.26	0.28	0.43	0.65
	National col.	0.61	0.36	0.47	0.22	0.23	0.31	0.25	0.31	0.35	0.55	0.49	0.50	0.61	0.69
	International col.	1.07	0.80	0.49	0.80	0.81	0.92	0.33	0.45	0.63	0.69	0.71	0.53	0.66	0.93
Institute of Chemical Process Fundamentals ASCR	Single institute	0.47	0.57	0.40	0.42	0.47	0.24	0.21	0.22	0.29	0.28	0.35	0.41	0.41	0.35
	National col.	0.24	0.25	0.32	0.48	0.59	0.49	0.46	0.48	0.56	0.73	0.54	0.50	0.60	0.54
	International col.	0.43	0.44	0.57	0.67	0.70	0.55	0.68	0.51	0.55	0.70	0.89	1.01	0.76	0.69
Institute of Molecular Genetics ASCR	Single institute	0.56	0.52	0.34	0.34	0.24	0.21	0.27	0.20	0.29	0.38	0.48	0.45	0.39	0.49
	National col.	0.07	0.13	0.20	0.29	0.34	0.45	0.33	0.39	0.44	0.34	0.30	0.33	0.39	0.55
	International col.	0.84	0.86	0.82	0.61	0.70	0.85	1.28	1.15	1.00	1.21	1.13	1.33	1.27	0.94
Institute of Biophysics ASCR	Single institute	0.56	0.58	0.57	0.63	0.47	0.35	0.70	1.14	1.29	1.03	0.51	0.67	0.86	0.77
	National col.	0.49	0.52	0.57	0.43	0.55	0.54	0.49	0.47	0.56	0.61	0.70	0.94	0.89	0.91
	International col.	0.60	0.62	0.81	1.11	1.18	1.02	1.16	1.04	1.02	1.04	0.99	0.93	0.91	0.93
VSB-Technical University of Ostrava	Single institute	0.08	0.06	0.11	0.04	0.09	0.14	0.26	0.37	0.38	0.33	0.54	0.62	0.55	0.30
	National col.	0.17	0.13	0.11	0.22	0.19	0.44	0.33	0.30	0.37	0.43	0.64	0.65	0.47	0.53

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	0.00	0.27	0.47	0.50	0.92	0.89	0.66	1.11	0.76	0.59	0.54	0.55	0.58	0.61
Institute of Mathematics ASCR	Single institute	0.64	0.79	0.68	0.95	1.22	0.79	0.77	0.52	0.33	0.82	1.06	1.61	1.21	0.82
	National col.	0.00	0.00	0.00	0.06	0.32	0.32	0.51	1.11	1.14	0.79	0.97	0.93	0.64	0.63
	International col.	0.45	0.82	0.80	0.93	0.63	0.69	0.66	0.74	1.37	1.13	1.20	1.01	0.89	0.90
Astronomical Institute ASCR	Single institute	0.15	0.21	0.32	0.35	0.22	0.28	0.31	0.25	0.25	0.21	0.11	0.20	0.28	0.22
	National col.	0.26	0.29	0.27	0.16	0.52	0.56	0.74	0.68	0.49	0.26	0.25	0.12	0.11	0.14
	International col.	0.30	0.34	0.37	0.40	0.50	0.46	0.52	0.54	0.45	0.46	0.54	0.48	0.54	0.57
Institute of Inorganic Chemistry ASCR	Single institute	0.17	0.13	0.24	0.30	0.34	0.31	0.41	0.44	0.38	0.53	0.66	0.25	0.40	0.39
	National col.	0.00	0.07	0.19	0.18	0.23	0.24	0.38	0.37	0.32	0.62	0.88	0.82	0.60	0.56
	International col.	0.31	0.43	0.47	0.60	0.43	0.40	0.58	0.61	0.51	0.56	0.66	0.55	0.60	0.54
National Institute of Public Health and regional hygienic stations	Single institute	0.52	0.53	0.64	0.14	0.15	0.32	0.35	0.19	0.47	0.39	0.55	0.20	0.23	0.19
	National col.	0.40	0.43	0.32	0.38	0.39	0.63	0.55	0.56	0.46	0.50	0.48	0.41	0.44	0.45
	International col.	0.75	0.76	0.79	0.67	0.75	0.84	0.92	0.73	0.78	0.82	1.16	1.36	1.46	1.58
Institute of Botany ASCR	Single institute	0.33	0.29	0.25	0.41	0.54	0.57	0.51	0.45	0.42	0.46	0.44	0.54	0.47	0.55
	National col.	0.21	0.19	0.39	0.19	0.49	0.57	0.78	0.67	0.68	0.71	0.74	0.66	0.82	0.81
	International col.	0.16	0.26	0.37	0.59	0.45	0.48	0.73	1.11	1.49	0.74	0.89	1.03	1.24	1.35
Institute of Experimental Medicine ASCR	Single institute	0.38	0.36	0.34	0.39	0.50	0.45	0.49	0.39	0.34	0.51	0.39	0.33	0.74	0.92
	National col.	0.12	0.12	0.11	0.24	0.36	0.47	0.45	0.53	0.49	0.56	0.61	0.72	0.79	0.72
	International col.	1.27	1.00	0.95	0.80	0.60	0.60	0.63	0.53	0.65	0.92	1.13	1.28	1.10	1.14
Institute of Physics of Materials ASCR	Single institute	0.44	0.44	0.26	0.36	0.36	0.51	0.39	0.30	0.27	0.47	0.81	0.70	0.67	1.00
	National col.	0.10	0.14	0.18	0.42	0.30	0.20	0.31	0.39	0.51	0.53	0.53	0.53	0.52	0.40
	International col.	0.82	1.03	1.27	1.12	0.59	0.51	0.77	0.97	1.09	0.91	0.67	0.64	0.54	0.73
Institute for Clinical and Experimental Medicine	Single institute	0.26	0.23	0.18	0.16	0.21	0.44	0.65	0.34	0.40	0.59	0.53	0.61	0.69	0.52
	National col.	0.04	0.09	0.12	0.18	0.19	0.27	0.27	0.45	0.41	0.53	0.61	0.62	0.59	0.65
	International col.	0.38	0.38	0.58	0.94	1.64	0.87	1.08	1.08	1.57	2.55	3.02	1.34	1.72	2.58

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
University of West Bohemia in Plzen	Single institute	0.31	0.29	0.39	0.57	0.73	1.42	2.00	1.96	0.66	0.81	0.50	0.39	0.47	0.91
	National col.	0.00	0.00	0.07	0.42	0.60	0.57	0.25	0.46	0.67	0.27	0.29	0.19	0.21	0.13
	International col.	0.00	0.18	0.59	1.16	1.54	2.08	1.96	1.37	0.99	0.69	0.64	0.77	0.65	0.78
Institute of Experimental Botany ASCR	Single institute	0.43	0.45	0.40	0.32	0.24	0.22	0.33	0.28	0.39	0.56	0.61	0.82	1.21	0.56
	National col.	0.82	0.51	0.40	0.23	0.28	0.37	0.47	0.49	0.50	0.60	0.67	0.48	0.47	0.56
	International col.	0.85	0.94	0.67	0.64	0.86	1.05	0.79	0.66	0.81	1.31	1.57	1.54	1.56	1.48
Veterinary Research Institute	Single institute	0.54	0.72	0.78	0.41	0.30	0.62	0.72	0.61	0.73	0.52	0.75	0.80	0.59	0.77
	National col.	0.22	0.21	0.29	0.30	0.41	0.50	0.47	0.45	0.54	0.71	0.99	1.03	0.68	0.54
	International col.	0.57	0.73	0.68	0.93	1.01	1.03	0.70	0.93	1.30	1.06	0.76	0.65	0.69	0.78
Institute of Information Theory and Automation ASCR	Single institute	0.65	0.91	0.61	0.34	0.50	0.95	0.92	0.94	0.84	1.60	2.36	0.44	0.97	0.96
	National col.	0.00	0.16	0.16	0.20	0.15	0.42	0.82	0.38	0.52	0.53	0.40	0.42	0.58	0.77
	International col.	0.48	0.77	0.90	0.68	0.94	1.01	0.98	0.68	0.83	1.45	1.86	1.40	1.14	1.22
Institute of Animal Physiology and Genetics ASCR	Single institute	0.24	0.23	0.24	0.27	0.29	0.47	0.55	0.76	0.83	1.01	1.06	0.55	0.55	0.55
	National col.	0.20	0.32	0.38	0.33	0.23	0.32	0.26	0.33	0.41	0.32	0.31	0.38	0.50	0.60
	International col.	0.71	0.72	0.85	0.75	0.55	0.36	0.43	0.49	0.58	0.73	0.87	0.71	0.70	0.69
Crop Research Institute	Single institute	0.18	0.27	0.26	0.27	0.27	0.21	0.21	0.25	0.21	0.13	0.23	0.24	0.55	0.48
	National col.	0.28	0.31	0.19	0.23	0.35	0.30	0.32	0.22	0.31	0.37	0.38	0.49	0.51	0.60
	International col.	0.68	0.74	0.86	0.65	0.97	0.59	0.75	0.47	0.67	0.43	0.72	1.00	0.76	0.85
General University Hospital Prague	Single institute	0.00	0.41	0.20	0.20	0.25	0.28	0.08	0.07	0.28	0.30	0.43	0.30	0.26	0.79
	National col.	0.17	0.22	0.19	0.26	0.27	0.21	0.42	0.55	0.48	0.57	0.40	0.46	0.42	0.47
	International col.	0.47	0.68	1.35	1.41	1.89	0.84	1.31	1.79	0.86	0.63	0.91	1.17	1.71	2.42
University Hospital Brno	Single institute	0.06	0.05	0.05	0.12	0.16	0.21	0.15	0.13	0.23	0.24	0.47	0.82	0.58	0.55
	National col.	0.06	0.26	0.27	0.14	0.16	0.11	0.15	0.24	0.31	0.44	0.42	0.45	0.44	0.48
	International col.	0.00	0.32	0.22	0.35	0.80	1.45	2.12	2.41	1.49	1.39	1.09	1.18	1.56	2.21
University Hospital Motol	Single institute	0.00	0.06	0.16	0.21	0.23	0.35	0.68	0.53	0.63	0.59	0.55	0.59	0.25	0.35

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	0.14	0.19	0.20	0.30	0.35	0.74	0.37	0.32	0.39	0.38	0.41	0.43	0.46	0.57
	International col.	1.27	0.91	0.85	0.91	0.88	0.95	1.44	1.23	1.51	0.83	0.85	0.83	1.15	1.59
Institute of Systems Biology and Ecology ASCR	Single institute	0.22	0.28	0.39	0.33	0.42	0.68	0.37	0.36	0.42	0.88	0.58	0.10	0.00	0.09
	National col.	0.91	0.65	0.80	0.41	0.26	0.56	0.80	0.43	0.28	0.23	0.31	0.40	0.52	0.73
	International col.	0.57	0.79	0.78	0.76	0.50	0.79	1.09	1.19	0.79	0.57	0.55	0.80	1.12	0.88
University of Defense	Single institute	0.05	0.05	0.07	0.06	0.07	0.04	0.07	0.28	0.45	0.87	0.78	0.65	0.62	0.34
	National col.	0.14	0.07	0.32	0.32	0.35	0.20	0.17	0.27	0.19	0.18	0.21	0.28	0.34	0.39
	International col.	0.23	0.30	0.33	0.49	1.17	1.83	1.80	1.77	0.94	1.06	1.08	1.09	0.99	1.22
Institute of Computer Science ASCR	Single institute	0.72	0.82	0.40	0.34	0.52	0.81	0.46	0.43	0.79	0.83	0.59	0.78	0.80	0.60
	National col.	0.09	0.05	0.21	0.15	0.21	0.18	0.36	0.53	0.71	0.63	0.54	0.84	0.49	0.57
	International col.	1.22	0.88	0.94	2.14	2.19	1.83	1.47	1.12	1.15	1.11	1.50	1.74	1.77	1.36
Institute of Animal Science	Single institute	0.39	0.31	0.35	0.13	0.17	0.24	0.58	0.41	0.43	0.38	0.55	0.75	0.78	0.85
	National col.	0.21	0.58	0.48	0.19	0.16	0.34	0.28	0.24	0.30	0.27	0.43	0.51	0.59	0.64
	International col.	0.25	0.28	0.33	0.48	0.72	0.93	0.96	1.02	1.60	0.99	0.54	0.57	0.69	0.90
Institute of Hematology and Blood Transfusion	Single institute	0.19	0.19	0.19	0.11	0.13	0.15	0.23	0.28	0.53	0.45	0.53	0.48	0.32	0.28
	National col.	0.03	0.09	0.14	0.25	0.31	0.26	0.32	0.38	0.44	0.50	0.38	0.41	0.48	0.59
	International col.	1.12	1.09	0.93	0.71	0.44	0.53	0.58	0.76	0.68	0.53	0.60	1.13	1.22	1.23
Institute of Plasma Physics ASCR	Single institute	0.25	0.23	0.21	0.47	0.35	0.24	0.14	0.10	0.45	0.29	0.43	0.35	0.34	0.37
	National col.	0.00	0.00	0.00	0.00	0.21	0.11	0.36	0.35	0.23	0.13	0.18	0.29	0.43	0.24
	International col.	0.46	0.35	0.14	0.26	0.46	0.56	0.45	0.28	0.36	0.47	0.68	0.48	0.53	0.75
University of Economics Prague	Single institute	0.16	0.12	0.18	0.26	0.23	0.35	0.24	0.24	0.26	0.21	0.27	0.34	0.51	0.34
	National col.	0.00	0.00	0.57	0.42	0.56	0.39	0.77	0.27	0.23	0.18	0.21	0.35	0.39	0.43
	International col.	2.57	1.03	0.72	0.47	0.35	1.03	1.02	0.00	0.12	0.42	1.04	1.54	0.25	0.29
Institute of Analytical Chemistry ASCR	Single institute	1.01	0.89	0.82	1.00	1.13	0.84	1.02	1.07	0.61	0.84	1.25	0.89	0.98	0.80
	National col.	0.66	0.81	0.76	0.37	0.20	0.31	0.50	0.53	0.53	0.57	0.64	0.72	0.68	0.75

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	1.28	1.34	2.04	1.50	1.06	0.74	1.58	2.09	1.19	1.12	1.08	0.93	0.95	1.17
Institute of Vertebrate Biology ASCR	Single institute	0.00	0.00	0.00	0.67	1.64	2.31	2.45	0.47	0.76	0.77	1.12	0.89	1.03	0.43
	National col.	0.00	0.00	0.00	0.00	0.13	0.13	0.36	0.53	0.65	0.51	0.44	0.47	0.63	0.70
	International col.	0.00	0.00	0.00	0.18	0.17	0.86	0.93	1.37	0.89	0.96	0.98	0.92	1.09	0.77
Czech Geological Survey	Single institute	0.39	0.53	0.26	0.34	0.14	0.27	0.27	0.56	0.93	0.90	0.96	0.28	0.24	0.32
	National col.	0.15	0.16	0.25	0.49	0.36	0.39	0.17	0.35	0.62	0.67	0.48	0.47	0.53	0.59
	International col.	2.49	2.26	0.85	0.73	0.71	0.50	0.62	1.03	1.42	1.52	0.89	0.88	1.17	1.08
Institute of Geophysics ASCR	Single institute	0.27	0.22	0.20	0.23	0.27	0.49	0.44	0.64	0.52	0.45	0.54	0.54	0.49	0.57
	National col.	0.00	0.00	0.00	0.19	0.63	0.71	0.38	0.32	0.24	0.23	0.41	0.81	0.98	0.73
	International col.	0.26	0.29	0.52	0.48	0.60	0.62	0.46	0.50	0.50	0.49	0.57	0.64	0.72	0.80
Institute of Photonics and Electronics ASCR	Single institute	0.16	0.15	0.41	0.44	0.49	0.26	0.31	0.40	0.46	0.91	1.66	1.02	1.33	1.66
	National col.	0.00	0.00	0.04	0.16	0.32	0.15	0.29	0.51	1.25	0.77	0.56	0.61	0.43	0.49
	International col.	0.94	1.02	1.30	0.81	0.85	0.63	0.58	0.77	0.79	0.83	1.00	1.34	1.33	0.85
Tomas Bata University in Zlin	Single institute	0.00	0.26	0.14	0.00	0.00	0.00	0.00	0.19	0.19	0.16	0.27	0.36	0.51	0.36
	National col.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.20	0.37	0.53	0.50	0.46	0.42
	International col.	0.00	0.00	0.00	0.00	1.03	0.93	0.92	0.40	0.58	0.53	0.79	0.56	0.66	0.64
ASCR unresolved	Single institute	0.53	0.77	0.94	0.70	1.30	3.50	3.15	0.38	0.11	0.29	0.43	0.28	0.16	0.11
	National col.	0.50	0.48	0.32	0.24	0.31	0.23	0.19	0.30	0.35	0.27	0.36	0.39	0.47	0.48
	International col.	0.92	0.77	0.73	0.69	0.75	0.84	0.75	1.18	1.24	1.08	0.84	0.82	0.72	0.68
University Hospital Hradec Kralove	Single institute	0.00	0.06	0.00	0.11	0.31	0.49	0.00	0.13	0.36	0.68	0.61	0.00	0.21	0.29
	National col.	0.00	0.00	0.24	0.27	0.28	0.18	0.23	0.28	0.33	0.35	0.25	0.29	0.37	0.45
	International col.	2.10	1.70	0.43	0.67	1.31	2.59	3.93	5.35	0.68	0.61	0.97	1.33	1.36	0.97
Technical University of Liberec	Single institute	1.92	0.90	1.02	0.52	0.11	0.14	0.66	0.40	0.34	0.14	0.20	0.20	0.15	0.29
	National col.	0.52	0.30	0.22	0.38	0.42	0.23	0.22	0.31	0.46	0.48	0.20	0.42	0.27	0.44
	International col.	2.25	0.91	0.24	0.41	0.41	0.64	0.44	0.96	1.05	0.76	0.66	0.84	1.05	1.13

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Institute of Atmospheric Physics ASCR	Single institute	0.23	0.18	0.19	0.39	0.40	0.33	0.41	0.42	0.31	0.22	0.24	0.44	0.53	0.92
	National col.	0.00	0.47	0.18	0.22	0.48	0.44	0.56	0.51	0.36	0.47	0.32	0.41	0.49	0.59
	International col.	0.27	0.26	0.13	0.13	0.25	0.27	0.34	0.51	0.37	0.57	0.50	0.54	0.64	0.62
University Hospital Olomouc	Single institute	0.46	0.39	0.00	0.07	0.07	0.22	0.18	0.28	0.54	0.08	0.19	0.35	0.35	0.56
	National col.	0.00	0.10	0.17	0.17	0.08	0.10	0.14	0.25	0.35	0.32	0.35	0.38	0.38	0.52
	International col.	1.54	1.59	2.14	1.17	0.75	0.56	0.88	1.16	0.96	0.68	0.92	1.11	0.58	0.65
Institute of Geology ASCR	Single institute	0.17	0.18	0.20	0.32	0.26	0.28	0.06	0.15	0.33	0.21	0.26	0.37	0.35	0.56
	National col.	0.14	0.14	0.22	0.38	0.49	0.51	0.00	0.06	0.25	0.20	0.20	0.39	0.43	0.43
	International col.	0.35	0.78	1.01	1.30	0.91	0.29	0.48	0.49	0.54	0.65	0.39	0.69	0.56	0.65
Institute of Endocrinology	Single institute	0.08	0.22	0.46	0.51	0.65	0.39	0.11	0.15	0.23	0.33	0.40	0.43	0.45	0.37
	National col.	0.04	0.10	0.12	0.14	0.16	0.27	0.34	0.34	0.44	0.48	0.51	0.52	0.52	0.46
	International col.	0.25	0.26	0.69	1.23	1.34	0.85	0.42	0.27	0.23	0.28	0.48	0.50	0.73	1.10
National Museum	Single institute	0.00	0.00	0.22	0.31	0.21	0.00	0.48	0.54	0.70	0.23	0.18	0.23	0.36	0.17
	National col.	0.70	0.52	0.32	0.28	0.41	0.54	0.18	0.29	0.58	0.71	0.68	0.67	0.46	0.54
	International col.	0.00	0.30	0.53	0.77	1.15	0.53	0.02	0.03	0.40	0.65	0.74	0.43	0.54	0.58
Silesian University in Opava	Single institute	0.73	0.48	0.27	0.19	0.20	0.02	0.00	0.14	0.29	0.51	0.37	0.30	0.31	0.38
	National col.			0.00	0.00	0.26	0.53	0.48	0.42	0.39	0.54	0.00	8.66	2.60	1.12
	International col.	0.69	0.25	0.32	0.18	0.08	0.13	0.09	0.41	0.33	0.53	0.82	0.86	1.10	0.73
Jan Evangelista Purkyně University in Ústí nad Labem	Single institute	0.00	0.00	0.10	0.48	0.14	0.14	0.00	0.13	0.20	0.54	1.12	0.57	0.79	0.26
	National col.	0.00	0.00	0.18	0.25	0.15	0.36	0.38	0.34	0.35	0.41	0.33	0.32	0.53	0.39
	International col.	1.01	2.01	1.73	1.64	1.09	0.89	0.86	0.45	0.41	0.60	0.86	0.91	0.73	0.55
Institute of Thermomechanics ASCR	Single institute	0.00	0.12	0.59	0.27	0.47	0.57	0.48	0.34	0.22	0.17	0.24	0.14	0.23	0.49
	National col.	0.58	0.27	0.00	0.19	0.14	0.04	0.10	0.15	0.19	0.13	0.06	0.17	0.24	0.42
	International col.	0.38	0.69	0.69	0.55	0.53	0.54	0.52	1.07	0.21	0.20	0.36	0.37	0.43	0.44
Masaryk Memorial Cancer Institute	Single institute	4.67	3.04	1.94	0.11	0.15	0.30	0.30	0.39	0.34	0.23	0.42	0.71	0.66	0.43

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	0.00	0.05	0.39	0.77	1.11	0.36	0.29	0.16	0.29	0.38	0.27	0.40	0.44	0.69
	International col.	3.64	2.85	1.57	1.77	2.09	3.89	3.94	3.97	0.92	1.12	1.75	2.18	1.94	1.93
University Hospital in Plzen	Single institute	0.00	0.00	1.11	1.23	1.21	0.15	0.28	0.48	0.62	0.06	0.28	0.40	0.34	0.44
	National col.	0.00	0.00	0.27	0.36	0.35	0.32	0.46	0.38	0.23	0.26	0.35	0.34	0.38	0.46
	International col.	0.32	0.41	0.88	0.95	0.61	0.73	0.70	0.68	0.75	0.82	1.08	0.81	0.89	1.58
Institute of Scientific Instruments ASCR	Single institute	0.80	0.54	0.08	0.06	0.15	0.48	0.79	0.54	0.45	0.18	0.13	0.21	0.70	0.84
	National col.	0.18	0.19	0.35	0.39	0.35	0.86	0.70	0.11	0.36	0.24	0.16	0.19	0.29	0.36
	International col.	1.16	0.81	0.53	0.73	0.25	0.35	0.49	0.15	0.39	0.55	0.79	1.08	1.40	1.43
Na Homolce Hospital	Single institute	0.00	0.11	0.06	0.00	0.54	0.49	0.30	0.61	0.31	0.18	0.38	0.41	0.64	1.05
	National col.	0.32	0.30	0.14	0.05	0.30	0.43	0.59	0.49	0.56	0.56	0.53	0.61	0.77	0.69
	International col.			0.00	1.87	1.82	1.78	1.22	1.05	0.70	1.10	0.86	1.04	0.84	1.54
Institute of Rock Structure and Mechanics ASCR	Single institute	0.25	0.21	0.19	0.00	0.25	0.09	0.11	0.06	0.00	0.24	0.21	0.14	0.24	0.23
	National col.	0.00	0.00	0.03	0.10	0.42	0.63	0.30	0.21	0.34	0.15	0.29	0.54	0.29	0.36
	International col.	0.00	0.00	0.12	0.22	0.31	0.79	0.51	0.47	0.51	0.68	0.89	1.16	1.05	0.26
University of Ostrava	Single institute	0.00	0.25	0.33	0.08	0.00	0.36	0.48	0.28	0.18	0.24	0.53	0.65	0.83	0.63
	National col.	0.00	0.00	0.36	0.54	0.50	0.61	0.10	0.34	0.85	0.93	0.97	0.73	0.32	0.47
	International col.					1.85	0.48	0.55	0.93	1.63	1.49	0.85	0.55	0.66	0.90
CERGE-Economics Institute ASCR	Single institute	0.21	0.12	0.13	0.08	0.18	0.16	0.12	0.18	0.15	0.32	0.62	0.38	0.40	0.49
	National col.	0.00	0.00	0.19	0.66	0.60	1.19	0.58	0.29	0.09	0.32	0.25	0.43	0.48	0.63
	International col.	0.00	1.57	2.49	1.86	1.04	0.42	0.82	1.14	1.49	1.81	1.35	1.61	0.90	0.77
St. Anne's University Hospital Brno	Single institute	0.00	0.00	0.00	0.00	0.00	0.11	0.12	0.04	0.03	0.30	0.67	0.09	0.06	0.12
	National col.	0.00	0.00	0.00	0.41	0.72	1.00	0.25	0.40	0.42	0.28	0.29	0.46	0.50	0.53
	International col.	1.50	1.58	1.85	1.16	1.08	1.47	0.59	0.66	0.69	1.00	1.45	1.84	0.83	0.57
Institute of Psychology ASCR	Single institute	0.00	0.00	0.09	0.20	0.33	0.31	0.25	0.05	0.31	0.42	0.36	0.26	0.22	0.11
	National col.	0.10	0.04	0.00	0.03	0.12	0.36	0.27	0.24	0.58	0.41	0.40	0.37	0.29	0.16

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	International col.	0.00	0.00	0.16	0.73	0.88	6.48	5.96	4.87	0.19	0.63	1.25	1.20	0.21	0.42
Prague Psychiatric Centre	Single institute	0.35	0.26	0.19	0.34	0.30	0.10	0.07	0.06	0.25	0.00	0.00	0.00	0.06	0.05
	National col.	0.11	0.09	0.19	0.10	0.08	0.12	0.12	0.15	0.28	0.37	0.55	0.71	0.82	0.70
	International col.	0.75	0.38	1.59	3.46	6.92	1.01	1.06	0.77	0.85	0.53	0.81	0.69	0.70	0.91
Institute of Sociology ASCR	Single institute	0.79	0.64	0.64	0.67	0.66	0.50	0.43	0.29	0.29	0.33	0.32	0.41	0.54	0.55
	National col.	1.75	1.95	1.01	0.53			0.00	0.00	0.00	0.54	0.37	0.48	0.81	0.77
	International col.	0.00	0.00	0.00	0.84	0.44	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.56
Czech National Bank	Single institute	0.28	0.22	0.17	0.35	0.52	0.88	0.73	0.69	0.60	0.61	0.33	0.19	0.14	0.17
	National col.		0.00	0.00	0.00	0.30	0.54	0.83	0.77	0.48	0.44	0.52	0.47	0.74	0.79
	International col.		0.00	0.00	0.00	0.00	0.24	0.47	0.60	0.37	0.13	0.28	0.71	1.50	0.33
University Hospital Kralovske Vinohrady	Single institute		0.00	0.00	0.00	0.14	0.11	0.21	0.05	0.13	0.31	0.85	1.12	0.00	0.00
	National col.	0.11	0.12	0.00	0.00	0.16	0.23	0.38	0.48	0.29	0.30	0.51	0.55	0.49	0.60
	International col.	0.00	0.00	0.00	0.04	0.79	1.23	3.11	2.20	2.68	2.55	3.12	1.76	2.27	3.28
Zentiva	Single institute	0.15	0.22	0.30	0.38	0.47	0.44	0.10	0.11	0.21	0.41	0.21	0.10	0.06	0.20
	National col.	0.05	0.09	0.14	0.11	0.16	0.23	0.28	0.40	0.36	0.51	0.27	0.23	0.25	0.28
	International col.	0.00	0.00	0.00	0.00	0.00	0.38	1.93	3.46	3.27	2.78	0.56	0.60	1.01	0.90
Institute of Philosophy ASCR	Single institute	0.53	0.31	0.15	0.50	0.38	0.53	0.07	0.59	0.39	0.82	1.67	1.02	1.22	0.52
	National col.	0.00	0.00	5.83	2.43	1.57	0.36			0.00	0.00	0.00	0.00	0.00	0.28
	International col.									0.00	0.00	0.00	0.00	0.00	0.00
Research Institute of Organic Syntheses	Single institute	0.00	0.13	0.28	0.15	0.27	0.16	0.69							
	National col.	0.00	0.13	0.07	0.00	0.00	0.04	0.06	0.34	0.51	0.44	0.40	0.23	0.30	0.34
	International col.	0.53	0.36	0.09	0.19	0.28	0.15	0.13	0.39	0.43	0.52	0.27	0.51	0.47	0.41
Institute for Postgraduate Medical Education	Single institute	0.08	0.08	0.00	0.06	0.42	1.09	0.18	0.17	0.00	0.00	0.00		0.00	0.51
	National col.	0.11	0.05	0.08	0.19	0.24	0.15	0.14	0.13	0.33	0.56	0.73	0.36	0.47	0.59
	International col.	0.57	0.45	0.52	0.50	0.69	0.78	0.63	1.85	1.81	2.59	0.84	1.30	1.95	2.76

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Nuclear Research Institute Rez	Single institute	0.00	0.00	0.00	0.19	0.31	0.29	0.20	0.26	0.68	0.84	0.56	0.49	0.21	0.58
	National col.	0.00	0.00	0.00	0.24	0.14	0.28	1.10	1.28	0.87	0.92	0.29	0.19	0.24	0.30
	International col.	0.00	0.00	0.00	0.19	0.00	0.26	0.46	0.37	0.13	0.14	0.49	0.41	0.38	0.39
Faculty Hospital Na Bulovce	Single institute	0.80	0.82	0.19	0.00	0.07	0.29	0.39	0.50	0.40	0.00				0.00
	National col.	1.00	0.71	0.33	0.11	0.23	0.25	0.28	0.15	0.17	0.24	0.20	0.21	0.35	0.69
	International col.	0.64	0.58	0.76	0.81	0.98	0.84	0.49	1.32	1.75	2.12	0.98	1.38	2.17	1.72
University Hospital Ostrava	Single institute	0.00	0.00	0.00	0.07	0.06	0.07	0.00	0.06	0.14	0.71	0.24	0.20	0.09	0.12
	National col.	0.29	0.37	0.18	0.63	0.73	1.16	0.21	0.23	0.42	0.58	0.84	0.22	0.33	0.25
	International col.				0.00	0.00	0.41	0.55	0.89	1.74	1.28	1.78	2.82	2.75	4.75
University of Hradec Kralove	Single institute	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.13	0.24	0.13	0.63	0.66	0.59
	National col.	0.00	0.95	1.22	0.88	0.00	0.44	1.39	0.85	0.58	0.40	0.71	0.29	0.23	0.22
	International col.		0.00	0.00	1.49	1.21	0.66	0.37	1.35	1.29	1.21	0.88	1.22	1.98	0.34
State Veterinary Administration of the Czech Republic	Single institute	0.00	0.48	0.38	2.52	2.04	1.64	3.25		0.00	1.80	0.64	0.55	0.82	3.99
	National col.	0.35	0.30	0.31	0.39	0.19	0.53	0.46	0.61	0.79	1.06	0.88	0.85	0.84	1.25
	International col.		0.00	0.00	0.19	0.38	0.86	0.66	1.00	1.53	1.57	1.13	0.74	1.36	1.87
Teva Czech Industries	Single institute	0.00	0.87	0.86	0.61	0.68	0.48	0.63	0.00	0.60	0.28	0.37			
	National col.	0.35	0.36	0.13	0.07	0.10	0.12	0.19	0.26	0.18	0.24	0.43	0.30	0.27	0.27
	International col.	0.28	0.39	0.40	0.64	0.36	0.27	0.00	0.00	0.18	0.34	0.10	0.17	0.17	1.77
Institute of Rheumatology	Single institute	0.00	0.11	0.23	0.00	0.00	0.00	0.00	0.25	1.06	2.37	4.46	0.28	0.21	0.17
	National col.	0.00	0.19	0.44	0.53	1.20	1.10	0.59	0.36	0.33	0.31	0.27	0.56	0.56	0.95
	International col.	0.46	0.57	0.27	0.51	1.06	4.95	4.21	2.05	2.10	3.83	4.70	4.79	3.38	4.19
Central Military Hospital Prague	Single institute		0.00	0.00	0.00	0.00	0.10	0.10	0.21	0.11	0.15	0.08	0.16	0.68	0.44
	National col.	0.00	0.00	0.26	0.43	0.10	0.08	0.32	0.40	0.45	0.43	0.61	0.21	0.48	0.59
	International col.					0.00	1.30	0.72	0.91	1.02	0.95	0.52	1.85	2.75	4.29
Research Institute for Cattle Breeding	Single institute	0.32	0.29	0.00	0.12	0.12	0.62	0.38	0.11	0.00	0.00	0.00	0.00	0.00	0.00

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
	National col.	0.00	0.00	0.29	0.53	0.13	0.26	0.36	0.25	0.44	0.44	0.39	0.49	0.19	0.69
	International col.				0.00	0.00	0.00	0.00	0.00	1.44	1.35	1.28	0.00	0.09	0.16
VUC Praha	Single institute	0.38	0.13	0.08	0.07	0.07	0.06	0.08	0.04	0.02	0.11	0.00	0.00	0.50	0.44
	National col.						0.00	0.00	0.00	0.00					4.19
Thomayer University Hospital	Single institute	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
	National col.	0.00	0.00	0.00	0.04	0.11	0.03	0.00	0.02	0.34	0.54	0.74	0.19	0.28	0.32
	International col.	6.49	1.61	1.25	1.65	0.81	0.93	0.93	0.40	0.45	0.69	1.01	0.91	1.04	0.38
Czech Hydrometeorological Institute	Single institute				0.00	0.00	0.45	0.21	0.26	0.23	0.74	0.87	1.01	0.13	0.38
	National col.	0.16	0.07	0.05	0.13	0.27	0.00	0.00	0.00	0.20	0.69	0.62	0.43	0.36	0.40
	International col.	0.81	1.35	0.93	0.43	1.38	1.60	0.95	1.22	0.99	0.78	0.67	0.75	2.21	2.92
Institute of Hydrodynamics ASCR	Single institute	0.45	0.48	0.00	0.62	0.00	0.16	0.44	1.25	0.97	0.22	0.21	0.08	0.17	0.21
	National col.	0.00	0.43	0.28	0.25	0.00	0.71	0.29	0.68	0.42	0.37	0.38	0.35	0.17	0.30
	International col.	1.34	1.25	0.50	0.52	0.13	0.06	0.09	0.10	0.24	0.25	0.63	0.81	0.75	0.81
Military Geography and Hydrometeorology Office Dobruska	Single institute	0.00	0.11	0.05	0.00	0.00	0.00	0.12	0.24	0.62	0.36	0.00	0.00	0.00	0.00
	National col.	0.00	0.14	0.09	0.16	0.00	0.00	0.00	0.00	0.00	0.12	0.28	0.41	0.20	0.32
	International col.		0.00	0.00	0.00	0.25	0.19	0.38	0.17	0.10	0.30	0.52	0.35	0.23	0.35
Czech Metrology Institute	Single institute	0.00	0.95	0.38	0.21	0.23	0.00	0.00	0.00	0.10	0.26	0.55	0.71	0.43	0.22
	National col.	0.00	0.00	0.00	0.00	0.00	0.71	0.21	0.15	0.26	0.22	0.19	0.16	0.08	0.04
	International col.	0.00	2.01	1.20	0.59	0.89	1.08	0.51	0.49	0.53	0.36	0.44	0.45	0.35	0.34
Institute of Geonics ASCR	Single institute	0.00	0.69	0.34	0.40	0.31	0.33	0.34	0.66	1.30	1.18	1.08	0.13	0.34	0.37
	National col.	0.00	0.00	0.00	0.51	0.67	1.46	0.59	0.00	0.10	0.33	0.30	0.07	0.18	0.11
	International col.	0.00	0.00	0.00	0.17	0.24	0.00	0.00	0.00	3.65	1.09	0.64	0.12	0.34	0.54
Institute of Theoretical and Applied Mechanics ASCR	Single institute	0.11	0.05	0.07	0.00	0.17	0.12	0.09	0.37	0.41	0.54	0.44	0.60	0.61	0.53
	National col.	0.00	0.00		0.00	0.00	0.00	0.24	1.00	0.60	0.42	0.18	0.11	0.30	0.37
	International col.	0.00	0.00	0.00	0.00	0.24	0.94	1.22	0.33	0.31	0.35	0.28	0.40	0.26	0.57

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Institute	Type coop.	1993-1996	1994-1997	1995-1998	1996-1999	1997-2000	1998-2001	1999-2002	2000-2003	2001-2004	2002-2005	2003-2006	2004-2007	2005-2008	2006-2009
Moravian Museum	Single institute	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.81	0.11	0.22	0.00	0.00
	National col.		0.00	0.00	0.48	0.26	0.42		0.00	0.00	0.25	0.35	0.82	0.65	0.52
	International col.	1.36	0.76	0.51	0.25	0.40	0.16	0.31	0.12	0.05	0.16	0.13	0.25	0.69	0.75
National Radiation Protection Institute	Single institute	0.00	0.83	0.37	0.16	0.28	0.45	0.49	0.10	0.14	0.13	0.18	0.26	0.00	0.00
	National col.				2.25	0.86	0.53	0.49	0.21	0.47	0.31	0.29	0.67	1.07	0.34
	International col.		7.55	7.60	3.95	2.59	0.00	0.53	0.62	0.60	1.57	1.47	1.65	2.99	0.93

Appendix Q - General indicators for the main Czech institutions by Fields

Note: All institutes and organizations with at least 5 publications have been included here. Some institutes were not included in the list of the first 100 institutions (these cases are normally in capital letters and names are abbreviated).

Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
AGRICULTURE AND FOOD SCIENCE	Academy of Sciences (global)	697	2943	4.22	0.72	0.60	0.84	32%	34%
	Czech University of Life Sciences Prague	663	1067	1.61	1.08	0.34	0.32	52%	36%
	Mendel University in Brno	509	976	1.92	0.80	0.33	0.41	45%	33%
	Institute of Chemical Technology Prague	397	1289	3.25	0.87	0.61	0.70	47%	24%
	Institute of Animal Science	391	1028	2.63	0.90	0.48	0.53	37%	33%
	Crop Research Institute	346	876	2.53	0.96	0.41	0.42	46%	31%
	University of South Bohemia in Ceske Budejovice	298	1000	3.36	0.90	0.59	0.66	41%	30%
	Charles University in Prague	250	1046	4.18	0.68	0.52	0.76	39%	30%
	Biology Centre ASCR	168	702	4.18	0.59	0.50	0.84	26%	35%
	University of Veterinary and Pharmaceutical Sciences Brno	145	265	1.83	1.05	0.47	0.45	41%	39%
	Food Research Institute Prague	60	207	3.45	0.93	0.77	0.83	45%	24%
	Research Institute of Soil and Water Conservation	57	71	1.25	1.04	0.17	0.16	49%	38%
	Institute of Experimental Botany ASCR	52	274	5.27	0.83	1.03	1.23	35%	39%
	Institute of Systems Biology and Ecology ASCR	51	166	3.25	0.83	0.71	0.86	55%	33%
	Institute of Organic Chemistry and Biochemistry ASCR	47	155	3.30	0.61	0.58	0.95	38%	46%
	Institute of Botany ASCR	46	215	4.67	0.77	0.87	1.13	20%	35%
	University of Pardubice	42	135	3.21	1.00	0.80	0.80	62%	23%
	Hop Research Institute	40	56	1.40	0.84	0.24	0.28	65%	40%
	Potato Research Institute	38	33	0.87	0.52	0.14	0.26	55%	44%
	Research Institute of Brewing nad Malting	37	55	1.49	1.00	0.36	0.36	51%	41%
	Institute of Physiology ASCR	37	105	2.84	0.42	0.36	0.84	38%	44%
	Institute of Biophysics ASCR	37	282	7.62	0.93	1.03	1.11	27%	32%
	Czech Technical University in Prague	34	95	2.79	0.63	0.50	0.80	44%	30%
	National Institute of Public Health and regional	30	75	2.50	0.65	0.48	0.74	40%	32%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	hygienic stations								
AGRICULTURE AND FOOD SCIENCE	Brno University of Technology	30	36	1.20	0.61	0.33	0.54	77%	23%
	Research Institute for Fodder Crops	30	23	0.77	0.58	0.15	0.26	63%	32%
	Tomas Bata University in Zlin	26	26	1.00	0.49	0.43	0.88	58%	59%
	Institute for Clinical and Experimental Medicine	24	105	4.38	0.59	0.49	0.83	42%	23%
	Institute of Vertebrate Biology ASCR	17	30	1.76	1.11	0.39	0.35	41%	23%
	AGRITEC, Research, Breeding & Services, Ltd.	15	17	1.13	0.62	0.26	0.42	53%	37%
	Institute of Inorganic Chemistry ASCR	14	42	3.00	0.80	0.48	0.61	21%	51%
	Institute of Molecular Genetics ASCR	13	33	2.54	0.40	0.36	0.90	38%	47%
	RES INST AGR ENGN	13	8	0.62	2.43	0.08	0.03	69%	0%
	BIOFAKTORY PRAHA SRO	13	53	4.08	0.89	0.48	0.54	31%	24%
	Institute of Analytical Chemistry ASCR	12	15	1.25	0.43	0.34	0.79	58%	62%
	CZECH AGR & FOOD INSPECT AUTHOR	12	33	2.75	0.82	0.69	0.84	42%	18%
	MILCOM LTD	12	13	1.08	1.20	0.25	0.21	42%	48%
	BIOPHARM Research Institute of Biopharmacy and Veterinary Drugs	12	12	1.00	0.34	0.18	0.53	75%	50%
	OSEVA	11	22	2.00	0.62	0.29	0.47	27%	24%
	University Hospital Hradec Kralove	11	22	2.00	0.56	0.41	0.73	45%	8%
	University of Hradec Kralove	11	6	0.55	0.45	0.21	0.48	73%	57%
	Jan Evangelista Purkyně University in Ústí nad Labem	11	23	2.09	0.67	0.35	0.52	45%	44%
	SETUZA AS	11	63	5.73	0.84	0.49	0.58	9%	13%
	Institute of Endocrinology	10	50	5.00	0.77	0.73	0.95	10%	26%
	Research Institute Silva Taroucy	9	69	7.67	1.10	0.99	0.90	11%	20%
	Institute of Hydrodynamics ASCR	8	15	1.88	0.78	0.51	0.66	63%	44%
	Institute of Experimental Medicine ASCR	8	28	3.50	0.89	0.63	0.71	50%	35%
	Institute of Agricultural Economics and Informations Praha	8	6	0.75	0.50	0.13	0.25	63%	25%
	State Veterinary Administration of the Czech Republic	8	13	1.63	0.63	0.53	0.85	50%	46%
	SVAZ PESTITELU CUKROVKY CECH	8	4	0.50	1.44	0.16	0.11	75%	20%
	VSB-Technical University of Ostrava	7	48	6.86	0.55	0.62	1.13	14%	34%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
AGRICULTURE AND FOOD SCIENCE	Institute of Chemical Process Fundamentals ASCR	7	10	1.43	0.40	0.45	1.13	57%	38%
	Institute of Physics ASCR	7	27	3.86	0.38	0.45	1.19	14%	56%
	Institute for Postgraduate Medical Education	7	10	1.43	1.58	0.94	0.59	57%	17%
	Institute of Geology ASCR	7	6	0.86	0.57	0.30	0.53	57%	68%
	Czech Geological Survey	7	27	3.86	0.44	0.69	1.59	14%	48%
	J. Heyrovsky Institute of Physical Chemistry ASCR	7	40	5.71	0.35	0.65	1.86	29%	56%
	Research and Breeding Institute of Pomology Holovousy	7	9	1.29	0.40	0.27	0.68	29%	44%
	Research Institute of Inorganic Chemistry	6	12	2.00	0.83	0.28	0.34	50%	25%
	CUKROVARY & IIHOVARY TTD AS	6	2	0.33	1.08	0.09	0.08	83%	50%
	Agency for Nature Conservation and Landscape Protection of the Czech Republic	6	14	2.33	1.12	0.67	0.60	33%	42%
	Institute of Macromolecular Chemistry ASCR	6	59	9.83	1.40	1.47	1.05	50%	24%
	Institute of Atmospheric Physics ASCR	6	29	4.83	1.26	1.60	1.27	33%	26%
	Czech Hydrometeorological Institute	6	7	1.17	0.38	0.68	1.80	50%	56%
	University of Defense	5	6	1.20	0.26	0.18	0.70	40%	57%
	University Hospital in Plzen	5	46	9.20	1.23	0.93	0.76	40%	12%
	Forestry and Game Management Research Institute	5	6	1.20	0.29	0.35	1.21	80%	45%
	SELGEN AS	5	1	0.20	0.29	0.06	0.22	80%	0%
	CZECH MORAVIAN BREEDERS CORP	5	3	0.60	0.68	0.32	0.48	60%	75%
	BUDWEISER BUDVAR NC	5	22	4.40	0.79	0.50	0.64	60%	15%
ASTRONOMY AND ASTROPHYSICS	Academy of Sciences (global)	1247	5907	4.74	0.57	0.41	0.72	30%	41%
	Astronomical Institute ASCR	888	4519	5.09	0.55	0.41	0.75	29%	38%
	Charles University in Prague	734	4559	6.21	0.73	0.60	0.82	26%	42%
	Institute of Atmospheric Physics ASCR	191	544	2.85	0.85	0.30	0.36	36%	49%
	Masaryk University	94	367	3.90	0.55	0.45	0.83	49%	39%
	Institute of Physics ASCR	90	497	5.52	0.52	0.64	1.21	24%	45%
	Czech Technical University in Prague	63	289	4.59	0.65	0.60	0.92	32%	42%
	Silesian University in Opava	50	132	2.64	0.34	0.33	0.99	36%	53%
	Nuclear Physics Institute ASCR	30	73	2.43	0.32	0.33	1.05	43%	60%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
ASTRONOMY AND ASTROPHYSICS	Observatory and Planetarium Nicolaus Copernicus	28	179	6.39	0.79	0.51	0.64	25%	42%
	Institute of Geophysics ASCR	28	57	2.04	0.48	0.16	0.35	43%	42%
	Institute of Mathematics ASCR	18	156	8.67	1.13	1.08	0.96	17%	45%
	KLET OBSERV	12	12	1.00	0.13	0.06	0.47	50%	50%
	Brno University of Technology	11	10	0.91	0.29	0.25	0.86	55%	64%
	VSB-Technical University of Ostrava	11	6	0.55	0.18	0.15	0.81	73%	65%
	Palacky University Olomouc	9	38	4.22	0.82	0.58	0.71	44%	27%
	ASCR unresolved	7	77	11.00	1.20	1.13	0.94	14%	40%
	Research Institute of Geodesy, Topography and Cartography	7	4	0.57	0.08	0.04	0.57	71%	33%
	UPICE OBSERV	5	2	0.40	0.06	0.03	0.47	60%	83%
	PRAGUE OBSERV	5	72	14.40	0.42	0.49	1.17	0%	50%
BASIC LIFE SCIENCES	Academy of Sciences (global)	5650	56887	10.07	0.84	0.63	0.75	18%	30%
	Charles University in Prague	2434	21384	8.79	0.81	0.62	0.76	22%	27%
	Institute of Microbiology ASCR	1210	8714	7.20	0.74	0.47	0.63	21%	29%
	Masaryk University	933	7553	8.10	0.78	0.61	0.78	20%	32%
	Institute of Physiology ASCR	657	6874	10.46	0.73	0.54	0.75	20%	30%
	Institute of Organic Chemistry and Biochemistry ASCR	623	4827	7.75	0.73	0.51	0.69	21%	34%
	Institute of Molecular Genetics ASCR	581	7032	12.10	0.74	0.66	0.89	16%	27%
	Institute of Biophysics ASCR	565	7026	12.44	0.87	0.76	0.87	17%	37%
	Biology Centre ASCR	548	4722	8.62	0.86	0.63	0.73	18%	33%
	University of South Bohemia in Ceske Budejovice	499	3491	7.00	0.84	0.69	0.82	23%	32%
	Palacky University Olomouc	477	3997	8.38	1.01	0.74	0.74	24%	26%
	Institute of Chemical Technology Prague	471	4083	8.67	0.84	0.68	0.80	20%	22%
	Institute of Experimental Medicine ASCR	402	5016	12.48	0.93	0.68	0.74	13%	27%
	Institute of Animal Physiology and Genetics ASCR	344	3400	9.88	0.91	0.60	0.66	16%	31%
	National Institute of Public Health and regional hygienic stations	314	2898	9.23	0.99	0.71	0.72	17%	30%
	Institute of Analytical Chemistry ASCR	288	3196	11.10	0.76	0.87	1.15	14%	22%

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BASIC LIFE SCIENCES	Institute of Experimental Botany ASCR	287	3515	12.25	1.09	0.86	0.79	15%	27%
	Veterinary Research Institute	217	1697	7.82	0.97	0.71	0.73	21%	36%
	University of Pardubice	186	1707	9.18	0.96	0.91	0.94	24%	25%
	Institute of Macromolecular Chemistry ASCR	170	2147	12.63	1.15	0.99	0.86	18%	26%
	Mendel University in Brno	156	835	5.35	0.72	0.53	0.74	24%	44%
	Institute of Hematology and Blood Transfusion	140	1251	8.94	0.76	0.49	0.65	16%	29%
	University of Defense	133	1102	8.29	1.00	0.87	0.87	23%	33%
	University of Veterinary and Pharmaceutical Sciences Brno	114	422	3.70	0.75	0.43	0.57	36%	32%
	J. Heyrovsky Institute of Physical Chemistry ASCR	109	1792	16.44	1.22	0.94	0.77	15%	32%
	Institute of Animal Science	99	1012	10.22	0.87	0.65	0.75	22%	22%
	Institute of Endocrinology	97	967	9.97	0.88	0.54	0.62	11%	30%
	General University Hospital Prague	95	891	9.38	0.78	0.63	0.81	23%	24%
	Czech University of Life Sciences Prague	89	403	4.53	0.79	0.41	0.52	30%	39%
	University Hospital Brno	85	675	7.94	0.82	0.55	0.68	21%	17%
	University Hospital Motol	84	699	8.32	0.72	0.69	0.96	25%	27%
	Institute for Clinical and Experimental Medicine	83	685	8.25	0.71	0.57	0.81	18%	25%
	Institute of Systems Biology and Ecology ASCR	82	723	8.82	1.00	0.70	0.70	22%	24%
	Institute of Botany ASCR	78	494	6.33	1.17	0.67	0.57	22%	34%
	University Hospital Hradec Kralove	72	484	6.72	1.09	0.67	0.61	32%	22%
	University Hospital Olomouc	72	467	6.49	0.87	0.57	0.66	25%	18%
	Masaryk Memorial Cancer Institute	70	924	13.20	0.82	0.84	1.03	14%	27%
	Institute of Vertebrate Biology ASCR	61	290	4.75	0.93	0.57	0.61	38%	31%
	Brno University of Technology	55	202	3.67	0.56	0.39	0.69	33%	33%
	Crop Research Institute	50	230	4.60	0.98	0.53	0.54	36%	36%
	Institute of Chemical Process Fundamentals ASCR	47	179	3.81	0.57	0.33	0.58	34%	38%
	Institute of Photonics and Electronics ASCR	45	545	12.11	2.27	1.26	0.55	29%	19%
	ASCR unresolved	43	518	12.05	0.78	0.63	0.81	19%	29%
	Teva Czech Industries	40	287	7.18	0.64	0.41	0.65	13%	26%
	Czech Technical University in Prague	35	174	4.97	0.81	0.40	0.49	34%	30%
	Institute of Inorganic Chemistry ASCR	31	181	5.84	0.56	0.48	0.85	29%	36%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BASIC LIFE SCIENCES	University Hospital in Plzen	26	156	6.00	1.20	0.61	0.51	23%	15%
	State Veterinary Administration of the Czech Republic	22	187	8.50	1.20	0.90	0.75	18%	42%
	VSB-Technical University of Ostrava	22	102	4.64	0.69	0.30	0.43	23%	36%
	Jan Evangelista Purkyně University in Ústí nad Labem	22	149	6.77	0.61	0.70	1.14	32%	20%
	Institute for the Care of Mother and Child	21	125	5.95	0.94	0.49	0.52	29%	16%
	Faculty Hospital Na Bulovce	21	97	4.62	0.81	0.44	0.54	29%	31%
	Nuclear Physics Institute ASCR	21	105	5.00	0.75	0.33	0.44	33%	38%
	Prague Psychiatric Centre	20	85	4.25	0.58	0.24	0.41	30%	23%
	Institute for Postgraduate Medical Education	20	133	6.65	1.23	0.37	0.30	15%	30%
	Zentiva	20	105	5.25	0.89	0.49	0.55	20%	34%
	PHARMAKL SRO	19	245	12.89	1.14	1.05	0.92	16%	1%
	Institute of Physics ASCR	19	54	2.84	0.67	0.36	0.55	26%	29%
	Institute of Biotechnology ASCR	16	13	0.81	0.64	0.54	0.84	63%	35%
	Institute of Computer Science ASCR	16	72	4.50	0.83	0.31	0.37	31%	30%
	St. Anne's University Hospital Brno	15	117	7.80	1.21	0.64	0.53	13%	13%
	Regional Hospital Příbram	14	74	5.29	0.53	0.46	0.86	29%	46%
	Tomas Bata University in Zlín	14	10	0.71	0.36	0.18	0.51	64%	60%
	University Hospital Ostrava	14	113	8.07	0.85	0.50	0.59	14%	23%
	Na Homolce Hospital	14	84	6.00	1.43	0.56	0.39	29%	16%
	Central Military Hospital Prague	13	41	3.15	0.91	0.37	0.41	46%	23%
	Czech Hydrometeorological Institute	13	149	11.46	1.50	0.80	0.54	8%	32%
	Institute of Rheumatology	13	172	13.23	0.81	0.83	1.03	15%	22%
	University Hospital Kralovské Vinohrady	13	17	1.31	0.50	0.17	0.33	77%	29%
	CPN SPOL SRO	12	63	5.25	1.79	0.63	0.36	33%	13%
	Agricultural Research Institute Kromeriz	12	40	3.33	0.81	0.42	0.51	33%	49%
	University of Ostrava	12	32	2.67	0.45	0.23	0.52	8%	35%
	BIOPHARM Research Institute of Biopharmacy and Veterinary Drugs	11	216	19.64	1.37	1.19	0.87	18%	12%
	National Radiation Protection Institute	10	56	5.60	0.68	0.46	0.67	20%	40%
	ISCARE	10	79	7.90	1.05	1.15	1.10	20%	13%
	Institute of Scientific Instruments ASCR	10	108	10.80	0.67	0.87	1.29	20%	26%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BASIC LIFE SCIENCES	Military Geography and Hydrometeorology Office Dobruska	10	25	2.50	0.74	0.50	0.68	50%	60%
	Institute of Theoretical and Applied Mechanics ASCR	9	33	3.67	0.21	0.26	1.24	22%	31%
	Centre of Cardiovascular and Transplantation Surgery	9	62	6.89	0.74	0.44	0.59	22%	17%
	GENERI BIOTECH SRO	9	24	2.67	1.16	0.53	0.46	44%	14%
	Research Institute Silva Taroucy	9	114	12.67	1.30	0.89	0.69	0%	20%
	Research Institute of Organic Syntheses	8	28	3.50	1.11	0.52	0.46	50%	45%
	University of West Bohemia in Plzen	8	5	0.63	0.21	0.16	0.73	63%	87%
	Hospital České Budějovice	8	42	5.25	1.33	0.59	0.44	38%	18%
	Research Institute of Inorganic Chemistry	8	49	6.13	0.26	0.34	1.33	38%	29%
	SANATORIUM PRONATAL	8	58	7.25	0.73	0.43	0.60	13%	27%
	National Museum	8	51	6.38	1.00	1.02	1.02	25%	36%
	Regional Hospital Kladno	7	60	8.57	1.35	0.80	0.59	0%	12%
	Forestry and Game Management Research Institute	7	27	3.86	0.70	0.31	0.45	14%	33%
	Thomayer University Hospital	7	39	5.57	0.95	0.44	0.46	43%	11%
	Research Institute of Brewing nad Malting	7	13	1.86	0.53	0.35	0.66	43%	38%
	Potato Research Institute	7	9	1.29	0.50	0.22	0.44	43%	50%
	T. Bata Regional Hospital	6	61	10.17	1.21	0.86	0.72	33%	32%
	Central Institute for Supervising & Testing in Agriculture	6	14	2.33	0.35	0.24	0.67	50%	42%
	PROMED CS PRAHA AS	6	66	11.00	0.85	0.66	0.77	0%	13%
	ZOO DVUR KRALOVE	6	33	5.50	1.03	0.56	0.54	50%	45%
	SEVAC AS	6	35	5.83	0.52	0.22	0.42	0%	27%
	Research Institute for Cattle Breeding	6	0	0.00	0.00	0.00	0.28	100%	
	State Phytosanitation Administration	5	15	3.00	0.78	0.54	0.70	40%	35%
	Czech Geological Survey	5	43	8.60	1.30	0.96	0.74	20%	22%
	INST STATE CONTROL VET BIOL & MEDICAMENTS	5	23	4.60	0.73	0.46	0.63	40%	34%
	Hop Research Institute	5	23	4.60	0.46	0.25	0.55	0%	59%
	AGRITEC, Research, Breeding & Services, Ltd.	5	7	1.40	1.24	0.49	0.39	40%	56%
	HERBACOS BOFARMA LTD	5	29	5.80	0.80	0.48	0.60	20%	24%
	POLYPEPTIDE LABS LTD	5	45	9.00	0.76	0.49	0.65	0%	26%
	Ministry of the Environment	5	10	2.00	0.28	0.08	0.27	20%	29%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BASIC LIFE SCIENCES	Institute of Thermomechanics ASCR	5	2	0.40	0.17	0.07	0.41	60%	78%
BASIC MEDICAL SCIENCES	Academy of Sciences (global)	413	2372	5.74	0.62	0.57	0.93	24%	39%
	Charles University in Prague	345	1643	4.76	0.69	0.51	0.75	28%	40%
	Institute of Organic Chemistry and Biochemistry ASCR	120	723	6.03	0.59	0.64	1.10	28%	40%
	Institute of Macromolecular Chemistry ASCR	85	494	5.81	0.48	0.48	1.00	20%	37%
	Palacky University Olomouc	70	632	9.03	1.35	1.15	0.85	30%	28%
	Masaryk University	48	286	5.96	0.86	0.60	0.70	19%	37%
	Institute of Microbiology ASCR	46	322	7.00	0.93	0.65	0.70	17%	37%
	University of Defense	42	128	3.05	0.98	0.51	0.51	29%	79%
	Institute of Chemical Technology Prague	42	417	9.93	0.72	0.93	1.28	10%	43%
	Czech Technical University in Prague	40	218	5.45	0.95	0.69	0.73	30%	23%
	University of Veterinary and Pharmaceutical Sciences Brno	35	88	2.51	0.77	0.29	0.38	46%	32%
	Zentiva	33	205	6.21	1.20	0.77	0.64	27%	27%
	Institute for Clinical and Experimental Medicine	31	172	5.55	1.13	0.57	0.50	35%	19%
	National Institute of Public Health and regional hygienic stations	31	199	6.42	1.19	0.78	0.66	23%	33%
	Institute of Computer Science ASCR	28	101	3.61	0.83	0.58	0.70	29%	31%
	Institute of Physiology ASCR	27	131	4.85	0.43	0.47	1.10	37%	53%
	Institute of Experimental Botany ASCR	25	198	7.92	1.14	1.02	0.90	32%	39%
	University Hospital Olomouc	23	224	9.74	1.47	1.39	0.95	35%	18%
	Institute of Biophysics ASCR	21	113	5.38	0.71	0.74	1.04	19%	41%
	J. Heyrovsky Institute of Physical Chemistry ASCR	16	90	5.63	1.09	0.48	0.44	13%	51%
	Institute of Experimental Medicine ASCR	16	77	4.81	0.75	0.72	0.96	38%	41%
	Institute of Molecular Genetics ASCR	14	67	4.79	0.45	0.56	1.26	14%	34%
	University of Pardubice	14	42	3.00	1.09	0.72	0.66	71%	32%
	Institute of Theoretical and Applied Mechanics ASCR	13	39	3.00	0.19	0.22	1.13	15%	33%
	ASCR unresolved	13	65	5.00	0.92	0.43	0.46	15%	35%
	General University Hospital Prague	13	89	6.85	0.91	0.63	0.70	8%	11%
	Brno University of	12	59	4.92	0.67	0.54	0.82	25%	13%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Technology								
BASIC MEDICAL SCIENCES	University Hospital Hradec Kralove	11	36	3.27	0.66	0.54	0.82	45%	27%
	University of South Bohemia in Ceske Budejovice	11	32	2.91	0.89	0.46	0.52	64%	22%
	Czech University of Life Sciences Prague	11	110	10.00	1.72	1.18	0.69	18%	11%
	Mendel University in Brno	11	55	5.00	0.83	0.74	0.88	0%	67%
	Nuclear Physics Institute ASCR	10	40	4.00	0.29	0.30	1.03	40%	63%
	St. Anne's University Hospital Brno	9	31	3.44	0.50	0.32	0.65	33%	47%
	University Hospital in Plzen	9	54	6.00	0.80	0.44	0.55	0%	16%
	VACORD BIOENGN RES CO LTD	9	26	2.89	0.41	0.23	0.57	44%	37%
	Teva Czech Industries	9	24	2.67	0.65	0.28	0.43	56%	51%
	University Hospital Motol	8	9	1.13	0.37	0.18	0.49	25%	40%
	Institute of Rheumatology	8	73	9.13	0.56	0.69	1.23	0%	10%
	Institute of Hematology and Blood Transfusion	8	32	4.00	0.58	0.52	0.89	38%	43%
	Institute of Physics ASCR	8	9	1.13	0.32	0.16	0.50	50%	69%
	Jan Evangelista Purkyně University in Usti nad Labem	7	7	1.00	1.80	0.63	0.35	57%	0%
	Biology Centre ASCR	7	22	3.14	0.62	0.52	0.83	43%	46%
	Veterinary Research Institute	6	48	8.00	0.97	0.93	0.96	17%	32%
	VSB-Technical University of Ostrava	5	44	8.80	0.96	1.03	1.07	40%	6%
	Institute of Scientific Instruments ASCR	5	27	5.40	0.75	0.54	0.71	20%	13%
	Crop Research Institute	5	27	5.40	2.53	1.35	0.53	20%	43%
	Institute of Information Theory and Automation ASCR	5	16	3.20	0.64	0.35	0.55	20%	6%
	Institute of Inorganic Chemistry ASCR	5	23	4.60	1.00	0.78	0.78	20%	38%
BIOLOGICAL SCIENCES	Academy of Sciences (global)	4141	26175	6.32	0.87	0.66	0.75	25%	32%
	Charles University in Prague	1410	6238	4.42	0.88	0.52	0.60	35%	34%
	Biology Centre ASCR	1190	7985	6.71	0.98	0.80	0.82	27%	31%
	University of South Bohemia in Ceske Budejovice	1064	5771	5.42	0.88	0.79	0.90	32%	31%
	Masaryk University	719	3203	4.45	0.99	0.59	0.60	36%	34%
	Institute of Botany ASCR	688	3411	4.96	0.86	0.66	0.77	26%	33%
	Palacky University Olomouc	506	2712	5.36	0.98	0.68	0.69	35%	33%
	Institute of Experimental Botany ASCR	473	4539	9.60	0.96	0.87	0.90	17%	27%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BIOLOGICAL SCIENCES	Institute of Vertebrate Biology ASCR	363	1660	4.57	1.03	0.79	0.76	28%	38%
	Institute of Microbiology ASCR	341	2465	7.23	0.71	0.59	0.84	19%	27%
	Crop Research Institute	323	892	2.76	0.79	0.49	0.62	41%	39%
	Institute of Systems Biology and Ecology ASCR	270	1243	4.60	0.94	0.50	0.53	27%	35%
	Mendel University in Brno	231	589	2.55	0.82	0.43	0.52	45%	41%
	Institute of Physiology ASCR	222	1281	5.77	0.61	0.43	0.71	25%	37%
	Czech University of Life Sciences Prague	213	486	2.28	0.97	0.54	0.56	49%	37%
	Institute of Animal Physiology and Genetics ASCR	209	1325	6.34	1.02	0.69	0.68	22%	34%
	National Museum	173	304	1.76	0.80	0.50	0.62	60%	37%
	Institute of Organic Chemistry and Biochemistry ASCR	171	822	4.81	0.72	0.46	0.64	27%	38%
	Institute of Biophysics ASCR	156	1511	9.69	0.68	0.80	1.17	12%	38%
	Institute of Molecular Genetics ASCR	155	705	4.55	0.74	0.25	0.33	35%	36%
	Institute of Animal Science	121	608	5.02	0.65	0.54	0.83	26%	30%
	University of Veterinary and Pharmaceutical Sciences Brno	115	190	1.65	0.62	0.37	0.59	49%	46%
	National Institute of Public Health and regional hygienic stations	64	211	3.30	0.56	0.29	0.51	44%	36%
	Institute of Chemical Technology Prague	57	277	4.86	0.85	0.54	0.64	25%	25%
	Moravian Museum	56	72	1.29	0.68	0.29	0.42	55%	36%
	Agency for Nature Conservation and Landscape Protection of the Czech Republic	53	131	2.47	1.10	0.42	0.38	34%	45%
	Institute of Hematology and Blood Transfusion	50	178	3.56	0.69	0.22	0.32	34%	44%
	VSB-Technical University of Ostrava	44	111	2.52	0.73	0.33	0.45	36%	51%
	Institute of Experimental Medicine ASCR	43	191	4.44	0.74	0.35	0.47	28%	35%
	Institute of Geology ASCR	38	53	1.39	0.45	0.30	0.67	58%	63%
	Forestry and Game Management Research Institute	35	147	4.20	1.05	0.58	0.56	31%	19%
	Institute for Clinical and Experimental Medicine	34	78	2.29	0.72	0.20	0.28	41%	50%
	Agricultural Research Institute Kromeriz	34	92	2.71	0.82	0.35	0.43	44%	49%
	University of Defense	33	63	1.91	0.69	0.12	0.17	61%	45%
	University of Ostrava	32	101	3.16	0.61	0.39	0.64	44%	50%
	Czech Technical University	29	47	1.62	0.43	0.24	0.56	55%	38%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	in Prague								
BIOLOGICAL SCIENCES	T.G. Masaryk Water Research Institute	28	116	4.14	1.42	0.84	0.59	39%	31%
	Czech Geological Survey	28	97	3.46	0.53	0.46	0.87	18%	49%
	Research Institute Silva Taroucy	28	138	4.93	1.28	0.88	0.69	50%	21%
	Institute of Archaeology ASCR	25	71	2.84	0.77	0.57	0.74	24%	30%
	Silesian Museum	25	41	1.64	0.69	0.47	0.68	48%	35%
	ASCR unresolved	23	140	6.09	0.91	0.66	0.73	26%	27%
	Veterinary Research Institute	21	163	7.76	1.28	0.84	0.66	19%	38%
	Institute of Photonics and Electronics ASCR	20	52	2.60	1.37	0.36	0.26	40%	52%
	General University Hospital Prague	20	22	1.10	0.36	0.17	0.46	55%	39%
	Brno University of Technology	18	26	1.44	0.68	0.19	0.27	67%	45%
	Teva Czech Industries	18	162	9.00	1.01	0.54	0.53	6%	29%
	AGRITEC, Research, Breeding & Services, Ltd.	18	63	3.50	0.92	0.41	0.45	33%	24%
	University of West Bohemia in Plzen	17	86	5.06	1.16	1.12	0.97	47%	18%
	Nuclear Physics Institute ASCR	16	118	7.38	0.60	0.75	1.25	0%	37%
	Central Institute for Supervising & Testing in Agriculture	16	31	1.94	0.57	0.21	0.37	50%	31%
	University Hospital Brno	16	22	1.38	0.18	0.09	0.49	38%	39%
	Prague Psychiatric Centre	14	80	5.71	1.40	0.41	0.29	43%	21%
	Research and Breeding Institute of Pomology Holovousy	12	3	0.25	0.72	0.45	0.63	83%	57%
	University Hospital Olomouc	11	49	4.45	1.32	0.30	0.23	36%	18%
	Masaryk Memorial Cancer Institute	11	45	4.09	0.37	0.21	0.57	36%	39%
	W BOHEMIAN MUSEUM PLZEN	11	7	0.64	0.25	0.15	0.59	64%	80%
	University Hospital Hradec Kralove	10	34	3.40	1.16	0.38	0.33	20%	39%
	COMENIUS MUSEUM	10	26	2.60	0.97	0.33	0.34	30%	38%
	Jan Evangelista Purkyně University in Ústí nad Labem	9	43	4.78	1.11	0.65	0.59	33%	25%
	Hop Research Institute	9	64	7.11	1.29	0.70	0.54	0%	29%
	Institute of Endocrinology	9	19	2.11	0.60	0.12	0.21	22%	58%
	Institute of Hydrodynamics ASCR	8	26	3.25	4.49	1.10	0.25	38%	26%
	Institute of Information Theory and Automation ASCR	8	18	2.25	1.13	0.21	0.19	25%	50%
	Potato Research Institute	8	11	1.38	1.22	0.56	0.46	50%	8%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BIOLOGICAL SCIENCES	Zentiva	8	61	7.63	0.68	0.37	0.54	25%	25%
	ZOO PRAGUE	7	19	2.71	0.89	0.61	0.68	43%	10%
	State Phytosanitation Administration	7	5	0.71	0.27	0.18	0.68	57%	62%
	Institute for Postgraduate Medical Education	7	45	6.43	1.74	0.76	0.43	43%	10%
	Food Research Institute Prague	7	14	2.00	0.41	0.25	0.62	43%	46%
	CZECH SOC ORNITHOL	7	113	16.14	2.86	5.63	1.96	14%	21%
	Bioveta	7	45	6.43	1.15	1.01	0.87	14%	30%
	National Radiation Protection Institute	7	53	7.57	1.16	0.83	0.72	29%	39%
	S BOHEMIAN MUSEUM CESKE BUDEJOVICE	6	5	0.83	0.47	0.19	0.41	67%	44%
	FORESTRY COMMISS	6	58	9.67	0.82	1.06	1.29	33%	33%
	University of Hradec Kralove	6	6	1.00	0.41	0.09	0.22	50%	57%
	SUMAVA NATL PK ADM	6	9	1.50	0.80	0.27	0.34	50%	25%
	Institute of Physics ASCR	6	4	0.67	0.09	0.09	1.00	67%	20%
	J. Heyrovsky Institute of Physical Chemistry ASCR	6	25	4.17	0.41	0.38	0.93	0%	42%
	Institute of Computer Science ASCR	5	8	1.60	0.81	0.39	0.49	40%	11%
	OSEVA	5	7	1.40	0.33	0.24	0.72	40%	46%
	University Hospital Motol	5	4	0.80	0.71	0.07	0.10	60%	0%
	Faculty Hospital Na Bulovce	5	44	8.80	4.08	0.80	0.20	20%	29%
	ENKI	5	9	1.80	0.83	0.36	0.43	60%	31%
	ZOO DVUR KRALOVE	5	21	4.20	1.18	0.81	0.69	60%	43%
BIOMEDICAL SCIENCES	Institute of Macromolecular Chemistry ASCR	5	1	0.20	0.11	0.01	0.11	80%	95%
	Na Homolce Hospital	5	202	40.40	2.85	3.43	1.21	0%	12%
	Charles University in Prague	3169	19605	6.19	0.87	0.52	0.60	33%	26%
	Academy of Sciences (global)	3107	27309	8.79	0.76	0.61	0.80	21%	30%
	Institute of Physiology ASCR	999	7566	7.57	0.59	0.47	0.79	22%	32%
	Masaryk University	682	3292	4.83	0.88	0.43	0.49	33%	27%
	Institute of Experimental Medicine ASCR	492	4905	9.97	0.94	0.72	0.77	19%	30%
	Palacky University Olomouc	400	1865	4.66	1.07	0.56	0.53	45%	23%
	Institute for Clinical and Experimental Medicine	386	2528	6.55	0.94	0.53	0.57	24%	21%
	Institute of Molecular Genetics ASCR	347	4673	13.47	0.80	0.74	0.93	18%	24%
	National Institute of Public Health and regional hygienic stations	332	3055	9.20	0.98	0.72	0.73	17%	27%
	Institute of Microbiology	320	2950	9.22	0.76	0.59	0.77	15%	34%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	ASCR								
BIOMEDICAL SCIENCES	University of Defense	251	1266	5.04	0.95	0.54	0.57	30%	46%
	Institute of Organic Chemistry and Biochemistry ASCR	225	1353	6.01	0.61	0.49	0.80	25%	42%
	Biology Centre ASCR	209	1551	7.42	0.86	0.63	0.73	22%	30%
	General University Hospital Prague	198	864	4.36	1.11	0.39	0.35	48%	21%
	University Hospital Olomouc	190	434	2.28	0.94	0.27	0.28	57%	18%
	University Hospital Hradec Kralove	189	545	2.88	0.77	0.31	0.40	43%	28%
	University Hospital Motol	188	967	5.14	0.95	0.46	0.49	39%	23%
	Institute of Biophysics ASCR	184	1116	6.07	0.75	0.55	0.73	24%	38%
	University of South Bohemia in Ceske Budejovice	183	895	4.89	0.97	0.65	0.67	37%	24%
	University Hospital Brno	179	585	3.27	0.87	0.30	0.34	45%	19%
	University of Veterinary and Pharmaceutical Sciences Brno	144	581	4.03	1.02	0.53	0.52	42%	23%
	Czech Technical University in Prague	126	334	2.65	0.82	0.44	0.54	48%	31%
	Institute of Endocrinology	124	637	5.14	0.81	0.34	0.42	23%	27%
	Veterinary Research Institute	122	970	7.95	1.04	0.82	0.80	20%	34%
	Institute of Hematology and Blood Transfusion	118	884	7.49	0.56	0.45	0.81	25%	31%
	Na Homolce Hospital	117	963	8.23	1.35	0.70	0.52	44%	16%
	Institute of Chemical Technology Prague	112	603	5.38	0.83	0.60	0.72	23%	30%
	St. Anne's University Hospital Brno	102	227	2.23	0.68	0.16	0.24	56%	23%
	Nuclear Physics Institute ASCR	94	269	2.86	0.59	0.38	0.63	39%	39%
	Prague Psychiatric Centre	90	432	4.80	0.82	0.42	0.52	33%	22%
	Institute of Macromolecular Chemistry ASCR	89	1547	17.38	1.15	1.44	1.25	9%	31%
	University Hospital Ostrava	78	228	2.92	1.29	0.27	0.21	62%	16%
	University Hospital in Plzen	77	212	2.75	0.83	0.31	0.37	43%	18%
	Institute for Postgraduate Medical Education	74	356	4.81	1.13	0.33	0.29	45%	26%
	Institute of Experimental Botany ASCR	73	480	6.58	0.66	0.43	0.65	16%	31%
	Thomayer University Hospital	68	206	3.03	1.06	0.28	0.26	60%	14%
	Institute of Animal Physiology and Genetics ASCR	65	274	4.22	0.63	0.35	0.55	25%	40%
	ASCR unresolved	60	785	13.08	1.21	0.99	0.82	28%	16%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BIOMEDICAL SCIENCES	National Radiation Protection Institute	58	108	1.86	0.90	0.42	0.47	57%	42%
	Central Military Hospital Prague	58	123	2.12	1.18	0.20	0.17	57%	15%
	University Hospital Kralovske Vinohrady	56	295	5.27	1.29	0.48	0.37	54%	29%
	Faculty Hospital Na Bulovce	54	246	4.56	1.01	0.37	0.37	50%	19%
	Institute of Computer Science ASCR	45	214	4.76	1.50	0.62	0.41	58%	23%
	University of Pardubice	45	160	3.56	0.92	0.48	0.52	33%	33%
	Mendel University in Brno	44	197	4.48	0.96	0.68	0.71	25%	39%
	Masaryk Memorial Cancer Institute	44	267	6.07	0.60	0.49	0.80	18%	31%
	Brno University of Technology	40	117	2.93	0.97	0.35	0.36	45%	32%
	Zentiva	37	164	4.43	0.59	0.31	0.53	19%	29%
	Masaryk Hospital in Ústí nad Labem,	36	55	1.53	1.11	0.11	0.09	61%	29%
	Czech University of Life Sciences Prague	34	146	4.29	1.28	0.71	0.56	44%	24%
	J. Heyrovsky Institute of Physical Chemistry ASCR	34	176	5.18	0.94	0.55	0.58	21%	48%
	Institute for the Care of Mother and Child	26	273	10.50	1.22	0.69	0.57	12%	16%
	Institute of Botany ASCR	26	100	3.85	0.85	0.68	0.80	15%	26%
	Czech Metrology Institute	25	58	2.32	1.10	0.48	0.44	52%	33%
	Pardubice Regional Hospital	24	85	3.54	2.25	0.46	0.20	58%	7%
	Teva Czech Industries	24	148	6.17	0.82	0.44	0.53	25%	34%
	Institute of Vertebrate Biology ASCR	23	695	30.22	2.69	2.15	0.80	17%	10%
	Hospital České Budějovice	23	64	2.78	0.98	0.37	0.38	52%	16%
	Crop Research Institute	22	103	4.68	1.74	0.56	0.32	27%	33%
	Institute of Scientific Instruments ASCR	22	255	11.59	1.23	0.99	0.81	27%	32%
	Jan Evangelista Purkyne University in Usti nad Labem	21	13	0.62	0.58	0.25	0.44	67%	28%
	Hospital Šternberk	21	92	4.38	2.06	1.31	0.64	52%	19%
	Regional Hospital Liberec	18	6	0.33	0.46	0.05	0.10	89%	40%
	Institute of Rheumatology	18	132	7.33	1.17	0.63	0.53	22%	19%
	Institute of Physics ASCR	18	27	1.50	0.32	0.22	0.68	39%	64%
	Institute of Systems Biology and Ecology ASCR	16	93	5.81	0.83	0.49	0.58	19%	47%
	Frantisku Hospital	16	2	0.13	0.44	0.01	0.02	88%	50%
	University of Ostrava	15	124	8.27	1.21	0.72	0.59	20%	23%
	Institute of Inorganic Chemistry ASCR	14	60	4.29	0.64	0.40	0.63	29%	26%
	Institute of Analytical Chemistry ASCR	13	55	4.23	0.71	0.33	0.46	31%	31%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
BIOMEDICAL SCIENCES	Institute of Animal Science	12	95	7.92	1.07	0.56	0.52	8%	25%
	Technical University of Liberec	11	19	1.73	0.47	0.30	0.63	36%	46%
	Vitkovice Hospital of the Blessed Maria Antonia	11	2	0.18	0.43	0.02	0.04	91%	60%
	Military Geography and Hydrometeorology Office Dobruska	11	18	1.64	0.55	0.20	0.37	55%	56%
	State Institute for Drug Control	10	83	8.30	0.94	0.49	0.52	10%	14%
	T. Bata Regional Hospital	10	12	1.20	0.76	0.10	0.14	60%	25%
	Regional Hospital Příbram	10	39	3.90	0.69	0.32	0.46	20%	11%
	KLINLAB LTD	10	183	18.30	1.32	1.13	0.86	10%	31%
	State Office for Nuclear Safety	10	23	2.30	0.77	0.38	0.50	40%	39%
	Centre of Cardiovascular and Transplantation Surgery	10	84	8.40	0.85	0.46	0.54	10%	12%
	VSB-Technical University of Ostrava	9	38	4.22	1.71	0.60	0.35	67%	16%
	University of West Bohemia in Plzen	9	10	1.11	0.67	0.27	0.41	78%	33%
	PLIVA LACHEMA AS	9	37	4.11	0.89	0.61	0.68	22%	46%
	Institute of Thermomechanics ASCR	9	12	1.33	0.38	0.20	0.53	33%	45%
	SEVAC AS	9	37	4.11	0.41	0.14	0.35	0%	47%
	Institute of Geology ASCR	8	20	2.50	0.74	0.67	0.91	38%	35%
	Potato Research Institute	8	25	3.13	0.82	0.28	0.34	38%	34%
	Czech Hydrometeorological Institute	8	106	13.25	1.87	1.69	0.90	13%	23%
	Institute of Information Theory and Automation ASCR	7	26	3.71	0.25	0.30	1.19	0%	28%
	State Veterinary Administration of the Czech Republic	7	53	7.57	1.06	0.82	0.77	29%	21%
	University of Hradec Kralove	7	54	7.71	2.15	1.10	0.51	43%	13%
	CZECH NEROL ASSOC JEP	7	4	0.57	2.25	0.04	0.02	71%	20%
	Institute of Psychology ASCR	7	19	2.71	0.87	0.21	0.24	14%	14%
	SEKK SPOL SRO	6	6	1.00	0.33	0.20	0.61	67%	33%
	NEUROSCI TECHNOL RES SRO	6	90	15.00	1.01	0.58	0.57	0%	44%
	ST ELIZABETH HOSP	6	18	3.00	1.27	0.13	0.10	50%	14%
	NEUROL ODDELENI	6	2	0.33	1.54	0.02	0.01	67%	82%
	Nuclear Research Institute Rez	6	0	0.00	0.00	0.00	0.13	100%	
	DAKOCYTOMAT AG	6	12	2.00	0.38	0.23	0.60	17%	48%
	PROMED CS PRAHA AS	6	30	5.00	0.86	0.41	0.48	17%	12%
	Institute of Biotechnology	6	18	3.00	3.89	5.11	1.31	50%	18%

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	ASCR								
BIOMEDICAL SCIENCES	VYSOKA SKOLA ZDRAVOTN	5	0	0.00	0.00	0.00	0.15	100%	
	BIOPHARM Research Institute of Biopharmacy and Veterinary Drugs	5	180	36.00	1.65	1.75	1.06	0%	10%
	Research Institute of Organic Syntheses	5	1	0.20	0.13	0.04	0.30	80%	75%
	RADON VOS CORP	5	7	1.40	0.91	0.28	0.30	80%	22%
	Research and Breeding Institute of Pomology Holovousy	5	11	2.20	0.46	0.14	0.30	60%	31%
	Czech Geological Survey	5	13	2.60	1.04	0.43	0.41	40%	0%
	Regional Hospital Kladno	5	38	7.60	0.91	0.64	0.71	20%	0%
	Institute of Photonics and Electronics ASCR	5	2	0.40	0.18	0.09	0.46	60%	0%
CHEMISTRY AND CHEMICAL ENGINEERING	Academy of Sciences (global)	9787	72554	7.41	0.86	0.73	0.85	27%	35%
	Charles University in Prague	3587	19562	5.45	0.82	0.53	0.65	31%	39%
	Institute of Chemical Technology Prague	2782	13437	4.83	0.80	0.39	0.49	35%	34%
	J. Heyrovsky Institute of Physical Chemistry ASCR	2252	25353	11.26	0.99	0.99	1.01	21%	31%
	Institute of Organic Chemistry and Biochemistry ASCR	1723	13352	7.75	1.03	0.74	0.72	26%	35%
	Institute of Macromolecular Chemistry ASCR	1690	12559	7.43	0.82	0.76	0.92	24%	32%
	University of Pardubice	1416	7358	5.20	0.88	0.56	0.64	33%	36%
	Masaryk University	1282	8003	6.24	0.87	0.58	0.66	27%	36%
	Institute of Chemical Process Fundamentals ASCR	1009	5190	5.14	0.67	0.55	0.82	31%	39%
	Institute of Physics ASCR	900	3556	3.95	0.64	0.50	0.78	36%	53%
	Institute of Inorganic Chemistry ASCR	652	2946	4.52	0.56	0.47	0.83	31%	47%
	Palacky University Olomouc	603	2868	4.76	0.94	0.50	0.53	35%	30%
	Institute of Analytical Chemistry ASCR	477	4511	9.46	0.72	0.81	1.11	17%	25%
	Brno University of Technology	462	1701	3.68	0.66	0.39	0.59	40%	36%
	Czech Technical University in Prague	455	1519	3.34	0.82	0.50	0.60	47%	46%
	Institute of Microbiology ASCR	403	2154	5.34	0.64	0.44	0.69	25%	40%
	Nuclear Physics Institute ASCR	357	808	2.26	0.63	0.29	0.46	48%	51%
	Institute of Biophysics ASCR	327	5775	17.66	1.57	1.70	1.08	21%	34%
	Tomas Bata University in Zlin	306	828	2.71	0.70	0.51	0.72	49%	40%

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CHEMISTRY AND CHEMICAL ENGINEERING	Mendel University in Brno	249	1144	4.59	1.02	0.61	0.60	33%	53%
	University of West Bohemia in Plzen	190	138	0.73	0.40	0.15	0.37	78%	69%
	University of South Bohemia in Ceske Budejovice	173	1080	6.24	1.07	0.75	0.70	46%	23%
	Research Institute of Organic Syntheses	166	609	3.67	0.76	0.41	0.53	39%	48%
	University of Defense	154	578	3.75	0.96	0.34	0.36	44%	52%
	Zentiva	152	486	3.20	0.75	0.26	0.35	34%	35%
	VSB-Technical University of Ostrava	150	453	3.02	0.82	0.36	0.44	45%	29%
	Institute of Physiology ASCR	141	951	6.74	0.69	0.47	0.69	30%	25%
	University of Veterinary and Pharmaceutical Sciences Brno	134	178	1.33	0.77	0.20	0.27	56%	64%
	Jan Evangelista Purkyně University in Ústí nad Labem	123	408	3.32	0.61	0.43	0.71	44%	27%
	Institute of Experimental Botany ASCR	117	541	4.62	0.84	0.50	0.59	38%	41%
	National Institute of Public Health and regional hygienic stations	109	452	4.15	0.87	0.36	0.41	27%	33%
	Institute of Physics of Materials ASCR	109	349	3.20	0.72	0.48	0.67	36%	34%
	Institute of Photonics and Electronics ASCR	103	1474	14.31	1.61	1.66	1.03	31%	18%
	Technical University of Liberec	101	240	2.38	0.72	0.47	0.65	48%	45%
	Czech University of Life Sciences Prague	101	498	4.93	1.24	0.45	0.36	38%	33%
	Teva Czech Industries	87	371	4.26	0.57	0.28	0.49	24%	42%
	Biology Centre ASCR	82	263	3.21	0.52	0.32	0.63	35%	45%
	ASCR unresolved	82	636	7.76	0.96	0.69	0.72	28%	35%
	Nuclear Research Institute Rez	74	179	2.42	0.72	0.37	0.51	42%	49%
	Research Institute of Inorganic Chemistry	56	265	4.73	0.62	0.51	0.82	32%	32%
	Veterinary Research Institute	55	462	8.40	0.98	0.87	0.89	20%	30%
	Institute of Systems Biology and Ecology ASCR	53	501	9.45	1.85	0.92	0.50	42%	15%
	Institute of Experimental Medicine ASCR	50	255	5.10	0.90	0.46	0.51	34%	33%
	Czech Metrology Institute	49	65	1.33	0.51	0.26	0.51	59%	48%
	Institute of Rock Structure and Mechanics ASCR	45	120	2.67	0.37	0.24	0.65	42%	26%
	Institute of Hematology and Blood Transfusion	42	213	5.07	0.56	0.33	0.60	48%	25%
	National Museum	42	41	0.98	0.40	0.40	1.01	48%	93%
	Institute of Molecular Genetics ASCR	42	98	2.33	0.33	0.21	0.62	43%	48%

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CHEMISTRY AND CHEMICAL ENGINEERING	University Hospital Olomouc	40	254	6.35	1.02	0.61	0.59	40%	14%
	Institute of Scientific Instruments ASCR	38	162	4.26	0.57	0.48	0.85	29%	48%
	SYNPO AS	38	126	3.32	0.62	0.32	0.52	42%	19%
	Institute of Thermomechanics ASCR	36	80	2.22	0.46	0.51	1.11	69%	27%
	University Hospital Hradec Kralove	35	254	7.26	1.13	0.95	0.84	46%	14%
	Institute of Endocrinology	32	337	10.53	1.10	0.67	0.61	25%	33%
	Institute of Plasma Physics ASCR	31	157	5.06	0.83	0.56	0.68	35%	40%
	Polymer Institute Brno	30	112	3.73	0.63	0.51	0.82	30%	36%
	Food Research Institute Prague	29	106	3.66	0.66	0.70	1.05	31%	28%
	Central Institute for Supervising & Testing in Agriculture	28	89	3.18	0.84	0.28	0.33	43%	25%
	Military Geography and Hydrometeorology Office Dobruska	28	50	1.79	0.86	0.20	0.24	54%	65%
	Institute of Hydrodynamics ASCR	27	116	4.30	0.62	0.51	0.82	41%	25%
	Unipetrol Group	22	72	3.27	0.61	0.24	0.40	45%	24%
	Crop Research Institute	21	30	1.43	0.80	0.20	0.25	57%	35%
	Institute of Animal Physiology and Genetics ASCR	20	57	2.85	0.38	0.27	0.71	35%	48%
	KAUCUK AS	19	167	8.79	1.11	0.74	0.67	0%	35%
	LECO INSTRUMENTE PLZEN SRO	19	272	14.32	1.16	1.69	1.46	11%	16%
	PHARMAKL SRO	19	245	12.89	1.14	1.05	0.92	16%	1%
	Czech Geological Survey	18	62	3.44	0.81	0.54	0.67	50%	21%
	University of Hradec Kralove	18	37	2.06	0.40	0.27	0.67	50%	41%
	National Radiation Protection Institute	17	11	0.65	0.53	0.14	0.26	71%	52%
	University of Ostrava	16	44	2.75	0.75	0.51	0.68	38%	42%
	CRYTUR Ltd	16	195	12.19	2.44	1.70	0.70	13%	46%
	Institute for Clinical and Experimental Medicine	15	47	3.13	0.51	0.38	0.74	27%	16%
	Ministry of the Environment	15	13	0.87	0.35	0.03	0.09	67%	41%
	SKODA AUTO	15	74	4.93	0.70	0.45	0.65	13%	33%
	General University Hospital Prague	14	15	1.07	0.30	0.08	0.28	50%	38%
	Research Institute of Brewing nad Malting	13	34	2.62	1.12	0.80	0.71	46%	36%
	Institute of Geonics ASCR	13	139	10.69	0.82	0.89	1.08	15%	18%
	State Institute for Drug Control	12	91	7.58	0.96	0.34	0.36	17%	7%
	Institute of Geology ASCR	12	24	2.00	0.33	0.18	0.53	42%	29%

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CHEMISTRY AND CHEMICAL ENGINEERING	FARMAK AS	12	29	2.42	0.76	0.26	0.34	42%	55%
	Academy of Fine Arts in Prague	12	68	5.67	1.37	1.19	0.87	25%	24%
	ORITEST SRO	11	5	0.45	0.42	0.05	0.11	64%	29%
	Institute of Theoretical and Applied Mechanics ASCR	11	12	1.09	0.39	0.25	0.64	45%	61%
	T.G. Masaryk Water Research Institute	10	83	8.30	1.36	0.61	0.45	40%	16%
	CPN SPOL SRO	10	32	3.20	0.91	0.83	0.92	20%	20%
	HERBACOS BOFARMA LTD	10	67	6.70	0.84	0.68	0.81	20%	17%
	Silesian University in Opava	10	34	3.40	0.66	0.40	0.61	30%	55%
	CZECH AGR & FOOD INSPECT AUTHOR	9	104	11.56	1.87	0.71	0.38	11%	13%
	State Phytosanitation Administration	8	25	3.13	0.68	0.60	0.89	13%	39%
	Agricultural Research Institute Kromeriz	8	14	1.75	0.95	0.90	0.95	50%	26%
	Hospital Šternberk	8	7	0.88	1.27	0.14	0.11	88%	13%
	University Hospital Brno	8	83	10.38	0.86	0.66	0.76	38%	6%
	SPOLANA AS	7	22	3.14	0.34	0.14	0.41	71%	21%
	Institute of Computer Science ASCR	7	16	2.29	0.72	0.76	1.06	29%	62%
	Potato Research Institute	7	14	2.00	1.34	0.32	0.24	14%	48%
	Masaryk Memorial Cancer Institute	7	29	4.14	0.69	0.19	0.28	29%	50%
	INST TECHNOL INVEST	7	15	2.14	0.60	0.31	0.52	14%	40%
	SEVA IMUNO PRAGUE	6	142	23.67	1.21	1.88	1.55	0%	20%
	ENERGOVYZKUM SRO	6	0	0.00	0.00	0.00	0.21	100%	100%
	University Hospital Ostrava	6	29	4.83	0.78	0.61	0.78	17%	33%
	PROMED CS PRAHA AS	6	62	10.33	0.86	0.83	0.96	17%	11%
	SEVEROCHEMA COOPERAT	6	2	0.33	0.13	0.02	0.18	67%	80%
	INST STATE CONTROL VET BIOL & MEDICAMENTS	6	7	1.17	0.33	0.15	0.45	50%	80%
	Institute of Biotechnology ASCR	6	3	0.50	0.45	0.43	0.96	50%	50%
	Institute of Animal Science	6	14	2.33	0.55	0.11	0.19	33%	36%
	State Office for Nuclear Safety	6	14	2.33	1.83	0.35	0.19	33%	22%
	TESSEK LTD PRAHA	6	45	7.50	0.54	0.56	1.04	17%	34%
	SPOFA DENT CO	5	9	1.80	0.17	0.07	0.43	0%	36%
	GRP PRAHA	5	48	9.60	2.04	1.16	0.57	0%	62%
	ANALYTIKA LTD	5	78	15.60	1.15	1.27	1.10	0%	8%
	Institute of Rheumatology	5	6	1.20	0.20	0.08	0.41	60%	63%
	TECH UNIV	5	0	0.00	0.00	0.00	0.02	100%	100%
	University Hospital Motol	5	21	4.20	0.35	0.35	1.01	20%	64%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
CHEMISTRY AND CHEMICAL	COMPUPLAST INT INC	5	3	0.60	0.15	0.08	0.54	60%	88%
	ON SEMICONDUCTOR CZECH REPUBL	5	1	0.20	0.05	0.04	0.86	80%	75%
	Institute of Mathematics ASCR	5	6	1.20	0.19	0.12	0.62	40%	68%
	Research Institute of Soil and Water Conservation	5	3	0.60	0.77	0.03	0.03	60%	57%
	DEZA CORP	5	2	0.40	0.48	0.01	0.02	60%	0%
	Institute for the Care of Mother and Child	5	21	4.20	1.56	0.41	0.26	60%	25%
CIVIL ENGINEERING AND CONSTRUCTION	Czech Technical University in Prague	104	228	2.19	0.72	0.74	1.02	45%	26%
	Academy of Sciences (global)	74	173	2.34	0.50	0.46	0.92	35%	24%
	Brno University of Technology	55	100	1.82	0.44	0.49	1.13	42%	39%
	Institute of Theoretical and Applied Mechanics ASCR	28	62	2.21	0.57	0.48	0.84	32%	24%
	Charles University in Prague	25	40	1.60	0.40	0.29	0.72	56%	32%
	University of Pardubice	13	17	1.31	0.26	0.44	1.69	46%	35%
	Institute of Chemical Technology Prague	13	25	1.92	0.36	0.39	1.08	38%	22%
	Institute of Thermomechanics ASCR	9	5	0.56	0.12	0.12	0.99	67%	64%
	Institute of Hydrodynamics ASCR	9	31	3.44	0.47	0.51	1.08	33%	26%
	Tomas Bata University in Zlin	8	21	2.63	0.43	0.46	1.08	25%	16%
	Institute of Chemical Process Fundamentals ASCR	8	42	5.25	0.73	0.67	0.92	25%	13%
	VSB-Technical University of Ostrava	6	1	0.17	0.24	0.15	0.61	83%	0%
	Mendel University in Brno	6	108	18.00	1.57	2.42	1.54	17%	36%
	T.G. Masaryk Water Research Institute	6	124	20.67	2.15	4.33	2.01	33%	21%
	National Institute of Public Health and regional hygienic stations	6	14	2.33	0.45	0.24	0.54	17%	33%
	CERVENKA COUNSULTING	5	16	3.20	1.53	1.62	1.06	60%	30%
CLINICAL MEDICINE	Charles University in Prague	4844	36906	7.62	1.04	0.75	0.72	31%	22%
	Academy of Sciences (global)	2579	16667	6.46	0.81	0.56	0.69	25%	35%
	Masaryk University	1014	5366	5.29	1.02	0.57	0.56	35%	22%
	University of Veterinary and Pharmaceutical Sciences Brno	912	2189	2.40	0.94	0.55	0.59	42%	34%
	Biology Centre ASCR	751	3563	4.74	0.98	0.66	0.68	26%	38%
	Institute for Clinical and Experimental Medicine	586	7489	12.78	1.37	1.20	0.88	28%	15%
	University Hospital Brno	507	2993	5.90	1.16	0.62	0.54	37%	14%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
CLINICAL MEDICINE	Palacky University Olomouc	484	2643	5.46	0.97	0.62	0.63	41%	17%
	General University Hospital Prague	473	3391	7.17	1.21	0.73	0.61	34%	19%
	Veterinary Research Institute	464	1683	3.63	1.07	0.71	0.66	35%	46%
	University Hospital Motol	457	3149	6.89	1.03	0.72	0.70	34%	20%
	Institute of Physiology ASCR	390	3015	7.73	0.60	0.51	0.85	22%	35%
	Institute of Hematology and Blood Transfusion	378	2416	6.39	0.81	0.46	0.57	28%	29%
	National Institute of Public Health and regional hygienic stations	375	4105	10.95	1.04	0.99	0.95	22%	23%
	University of South Bohemia in Ceske Budejovice	350	1529	4.37	1.18	0.84	0.71	27%	35%
	Institute of Molecular Genetics ASCR	349	2327	6.67	0.67	0.39	0.58	25%	39%
	University Hospital Hradec Kralove	316	2273	7.19	1.68	0.80	0.48	41%	13%
	University Hospital Olomouc	285	1144	4.01	0.83	0.40	0.49	46%	19%
	Institute of Experimental Medicine ASCR	256	2671	10.43	1.00	0.78	0.79	20%	30%
	University Hospital in Plzen	252	1391	5.52	1.01	0.64	0.63	36%	15%
	Masaryk Memorial Cancer Institute	220	3977	18.08	1.56	1.29	0.82	24%	14%
	Na Homolce Hospital	218	1547	7.10	1.10	0.72	0.65	35%	16%
	Institute of Endocrinology	186	1532	8.24	0.78	0.49	0.63	14%	24%
	St. Anne's University Hospital Brno	177	1059	5.98	1.16	0.55	0.48	45%	13%
	Institute of Microbiology ASCR	164	1102	6.72	0.71	0.49	0.69	16%	36%
	University Hospital Kralovske Vinohrady	163	1483	9.10	1.21	0.92	0.76	36%	16%
	Institute of Animal Physiology and Genetics ASCR	149	676	4.54	0.88	0.51	0.58	30%	39%
	Mendel University in Brno	145	428	2.95	0.84	0.43	0.51	34%	42%
	State Veterinary Administration of the Czech Republic	138	527	3.82	1.20	0.76	0.63	24%	48%
	University Hospital Ostrava	137	1139	8.31	1.48	0.79	0.54	51%	13%
	University of Defense	133	789	5.93	1.00	0.60	0.61	41%	25%
	Institute of Biophysics ASCR	124	551	4.44	0.52	0.32	0.60	27%	42%
	Institute of Vertebrate Biology ASCR	124	978	7.89	1.90	1.39	0.73	30%	17%
	Faculty Hospital Na Bulovce	121	1030	8.51	1.01	0.74	0.73	40%	16%
	Central Military Hospital	114	700	6.14	1.28	0.65	0.51	45%	11%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Prague								
CLINICAL MEDICINE	Institute for Postgraduate Medical Education	113	1156	10.23	1.28	0.75	0.59	40%	17%
	Institute of Rheumatology	111	3554	32.02	2.30	2.77	1.21	15%	15%
	Thomayer University Hospital	100	356	3.56	1.06	0.37	0.35	57%	13%
	Prague Psychiatric Centre	100	1117	11.17	1.25	1.06	0.85	31%	13%
	Institute of Organic Chemistry and Biochemistry ASCR	99	362	3.66	0.46	0.24	0.52	24%	50%
	Czech University of Life Sciences Prague	89	339	3.81	0.84	0.52	0.62	39%	23%
	Institute of Animal Science	87	417	4.79	0.75	0.69	0.93	33%	30%
	Czech Technical University in Prague	76	202	2.66	0.68	0.40	0.58	50%	26%
	ASCR unresolved	63	1020	16.19	1.39	1.27	0.92	21%	14%
	Masaryk Hospital in Ústí nad Labem,	62	392	6.32	1.72	0.54	0.31	48%	19%
	National Radiation Protection Institute	60	319	5.32	1.68	0.83	0.49	43%	21%
	Nuclear Physics Institute ASCR	56	101	1.80	0.61	0.21	0.35	48%	43%
	Institute of Chemical Technology Prague	54	233	4.31	0.65	0.48	0.75	26%	32%
	Pardubice Regional Hospital	53	460	8.68	1.27	1.24	0.98	57%	9%
	Institute of Computer Science ASCR	52	429	8.25	1.25	0.69	0.55	29%	12%
	Hospital České Budějovice	48	144	3.00	0.75	0.45	0.60	44%	16%
	Regional Hospital Kladno	46	517	11.24	1.61	0.84	0.52	15%	8%
	Institute for the Care of Mother and Child	45	265	5.89	0.98	0.66	0.67	33%	17%
	Regional Hospital Liberec	43	129	3.00	0.80	0.46	0.57	58%	17%
	University of Ostrava	37	157	4.24	0.98	0.59	0.60	38%	11%
	Institute of Macromolecular Chemistry ASCR	26	338	13.00	1.33	0.82	0.61	19%	40%
	Institute of Systems Biology and Ecology ASCR	25	266	10.64	1.45	0.97	0.67	24%	29%
	Biopická laboratoř	24	12	0.50	0.44	0.37	0.85	71%	43%
	Brno University of Technology	22	56	2.55	1.17	0.39	0.33	55%	19%
	Frantisku Hospital	22	166	7.55	1.00	0.46	0.46	64%	11%
	University of Pardubice	22	40	1.82	0.46	0.26	0.57	55%	35%
	T. Bata Regional Hospital	21	342	16.29	1.81	1.09	0.60	29%	8%
	Centre of Cardiovascular and Transplantation Surgery	21	245	11.67	1.22	1.05	0.86	14%	9%
	Bioveta	18	67	3.72	1.11	0.65	0.59	22%	26%
	Research Institute for Cattle Breeding	18	30	1.67	1.04	0.51	0.49	44%	33%
	COMENIUS MUSEUM	17	41	2.41	0.65	0.33	0.50	29%	39%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
CLINICAL MEDICINE	Institute of Experimental Botany ASCR	16	110	6.88	0.71	0.44	0.62	31%	23%
	Institute of Physics ASCR	16	25	1.56	0.85	0.46	0.54	63%	48%
	Institute of Analytical Chemistry ASCR	15	40	2.67	0.41	0.12	0.29	33%	47%
	Military Geography and Hydrometeorology Office Dobruska	15	25	1.67	0.54	0.18	0.33	40%	24%
	Jan Evangelista Purkyně University in Ústí nad Labem	15	12	0.80	0.75	0.32	0.43	80%	20%
	Institute of Scientific Instruments ASCR	14	90	6.43	0.40	0.54	1.33	7%	34%
	Hospital Šternberk	14	84	6.00	2.41	1.19	0.49	50%	7%
	HOSP JIHLAVA	13	61	4.69	0.61	0.29	0.47	23%	18%
	Crop Research Institute	13	8	0.62	1.20	0.41	0.34	69%	58%
	J. Heyrovský Institute of Physical Chemistry ASCR	13	31	2.38	0.34	0.42	1.24	38%	50%
	Vitkovice Hospital of the Blessed Maria Antonia	12	145	12.08	5.25	1.26	0.24	83%	3%
	Regional Hospital Příbram	12	63	5.25	0.93	0.44	0.48	42%	21%
	REG HOSP	12	26	2.17	0.56	0.23	0.41	42%	16%
	MINIST HLTH CZECH REPUBL	12	500	41.67	1.87	2.64	1.41	25%	5%
	VET HISTOPATHOL LAB	12	22	1.83	0.80	0.32	0.41	50%	19%
	AKH ZNOJMO	11	28	2.55	1.31	0.83	0.63	27%	0%
	ISCARE	11	68	6.18	0.62	1.03	1.67	9%	17%
	INST STATE CONTROL VET BIOL & MEDICAMENTS	11	36	3.27	1.91	0.81	0.42	36%	16%
	Institute of Biotechnology ASCR	10	8	0.80	0.67	0.53	0.79	80%	38%
	HOSP CTY CHOMUTOV	10	125	12.50	1.65	1.04	0.63	30%	5%
	HOSP CTY OSTRAVA	10	292	29.20	2.98	2.00	0.67	40%	16%
	BIOPHARM Research Institute of Biopharmacy and Veterinary Drugs	10	94	9.40	0.97	0.68	0.71	20%	29%
	Complex oncological Center Nový Jičín	9	26	2.89	0.82	0.37	0.46	67%	32%
	ZOO DVUR KRÁLOVÉ	9	40	4.44	0.79	0.44	0.55	44%	41%
	Zentiva	9	30	3.33	0.55	0.19	0.34	33%	32%
	VACORD BIOENGN RES CO LTD	9	26	2.89	0.41	0.23	0.57	44%	37%
	KLINLAB LTD	9	152	16.89	0.88	0.86	0.98	11%	40%
	Institute of Psychology ASCR	9	38	4.22	1.11	0.38	0.35	22%	12%
	DEPT DERMATOL	8	37	4.63	1.01	0.81	0.80	0%	8%
	DEPT DERMATOL	8	37	4.63	1.01	0.81	0.80	0%	8%
	HOSP VYSKOV	8	110	13.75	2.48	1.14	0.46	0%	7%
	CTR CLIN BASIC RES	8	26	3.25	0.77	0.81	1.06	38%	19%
	Institute of Hydrodynamics	8	22	2.75	0.50	0.13	0.25	25%	4%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	ASCR								
CLINICAL MEDICINE	State Office for Nuclear Safety	8	5	0.63	0.28	0.09	0.32	50%	38%
	Teva Czech Industries	8	35	4.38	0.91	0.45	0.49	25%	29%
	CZECH NEROL ASSOC JEP	7	4	0.57	2.25	0.04	0.02	71%	20%
	HOSP CTY FRYDEK MYSTEK	7	12	1.71	0.47	0.29	0.63	43%	0%
	DERMATOHISTOPATHOL LAB	7	31	4.43	0.88	0.62	0.70	0%	0%
	Tomas Bata University in Zlin	7	12	1.71	1.04	0.58	0.56	57%	40%
	University of West Bohemia in Plzen	7	45	6.43	1.51	1.12	0.74	43%	18%
	EYE CLIN LEXUM	7	15	2.14	0.61	0.69	1.12	0%	12%
	HOSP PODLESI	6	9	1.50	0.71	0.43	0.60	33%	0%
	Czech Hydrometeorological Institute	6	2	0.33	0.09	0.02	0.25	67%	67%
	Institute of Information Theory and Automation ASCR	6	36	6.00	0.53	0.36	0.68	0%	20%
	Institute of Botany ASCR	6	24	4.00	3.21	1.45	0.45	17%	27%
	GENEX CZ SRO	6	12	2.00	0.66	0.47	0.71	17%	8%
	Agency for Nature Conservation and Landscape Protection of the Czech Republic	6	5	0.83	0.33	0.25	0.76	17%	67%
	VSb-Technical University of Ostrava	6	19	3.17	0.92	0.43	0.47	50%	10%
	VET CLIN	6	4	0.67	0.24	0.18	0.76	67%	50%
	NEUROL ODDELENI	6	2	0.33	1.54	0.02	0.01	67%	82%
	Institute of Thermomechanics ASCR	5	7	1.40	0.44	0.25	0.57	20%	42%
	DIST HOSP	5	26	5.20	0.83	0.53	0.64	40%	16%
	GENOMAC INT LTD	5	15	3.00	1.14	0.58	0.50	60%	17%
	BIOLAB PRAGUE SRO	5	34	6.80	1.35	0.44	0.33	40%	29%
	Czech Metrology Institute	5	12	2.40	1.74	0.52	0.30	60%	8%
	Institute of Theoretical and Applied Mechanics ASCR	5	8	1.60	0.16	0.13	0.80	0%	50%
	HOSP NOVY JICIN	5	8	1.60	0.36	0.21	0.58	60%	27%
	University of Economics Prague	5	13	2.60	1.04	0.28	0.27	60%	28%
	VEDIA	5	44	8.80	2.55	1.14	0.45	0%	21%
	VYSOKA SKOLA ZDRAVOTN	5	0	0.00	0.00	0.00	0.15	100%	
	University of Hradec Kralove	5	25	5.00	1.44	0.33	0.23	40%	17%
	RADON VOS CORP	5	7	1.40	0.91	0.28	0.30	80%	22%
COMPUTER SCIENCES	Academy of Sciences (global)	965	3886	4.03	0.99	0.94	0.95	47%	28%
	Charles University in Prague	629	1522	2.42	0.81	0.62	0.77	54%	31%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
COMPUTER SCIENCES	Czech Technical University in Prague	524	1018	1.94	0.90	0.65	0.72	58%	27%
	Institute of Information Theory and Automation ASCR	402	1953	4.86	1.25	1.24	0.99	47%	23%
	Institute of Computer Science ASCR	301	759	2.52	0.75	0.61	0.82	53%	33%
	Masaryk University	246	453	1.84	0.74	0.58	0.78	58%	40%
	Brno University of Technology	174	167	0.96	0.54	0.29	0.54	72%	35%
	VSB-Technical University of Ostrava	165	413	2.50	1.08	0.78	0.72	46%	40%
	University of West Bohemia in Plzen	154	200	1.30	0.83	0.41	0.49	72%	35%
	Institute of Mathematics ASCR	103	434	4.21	1.30	1.33	1.02	44%	24%
	Palacky University Olomouc	86	111	1.29	0.81	0.69	0.85	63%	42%
	Silesian University in Opava	58	155	2.67	0.95	0.87	0.91	43%	25%
	University of Economics Prague	56	164	2.93	1.18	0.67	0.57	59%	19%
	University of Ostrava	52	178	3.42	1.26	1.08	0.86	37%	31%
	Institute of Thermomechanics ASCR	33	24	0.73	0.47	0.20	0.42	55%	44%
	Institute of Physiology ASCR	32	205	6.41	1.12	0.73	0.65	34%	37%
	Institute of Chemical Technology Prague	31	108	3.48	0.54	0.54	1.00	32%	36%
	Technical University of Liberec	25	9	0.36	0.27	0.12	0.45	76%	50%
	ASCR unresolved	21	64	3.05	0.94	0.53	0.56	38%	38%
	Rockwell Automation Inc	20	53	2.65	2.06	1.02	0.49	25%	23%
	Institute of Geonics ASCR	19	18	0.95	0.52	0.43	0.83	63%	38%
	Institute of Chemical Process Fundamentals ASCR	13	47	3.62	0.34	0.48	1.44	23%	49%
	University of Pardubice	11	9	0.82	0.14	0.09	0.65	55%	73%
	Institute of Photonics and Electronics ASCR	10	2	0.20	0.20	0.08	0.41	80%	33%
	Czech University of Life Sciences Prague	9	1	0.11	0.07	0.03	0.40	89%	67%
	Institute of Organic Chemistry and Biochemistry ASCR	8	42	5.25	0.52	0.91	1.74	25%	26%
	CESNET	8	2	0.25	0.13	0.13	1.02	75%	50%
	CERTICON AS	7	12	1.71	1.04	0.71	0.69	43%	20%
	Tomas Bata University in Zlin	7	8	1.14	1.36	0.61	0.45	57%	20%
	Institute of Atmospheric Physics ASCR	7	29	4.14	1.28	1.47	1.15	29%	55%
	Institute of Physics ASCR	7	138	19.71	1.28	1.66	1.30	29%	25%
	National Institute of Public	6	16	2.67	0.57	0.27	0.47	33%	36%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Health and regional hygienic stations								
COMPUTER SCIENCES	Faculty Hospital Na Bulovce	6	5	0.83	0.43	0.30	0.69	67%	0%
	Institute of Macromolecular Chemistry ASCR	6	17	2.83	0.29	0.26	0.89	67%	39%
	Astronomical Institute ASCR	5	101	20.20	1.57	2.92	1.86	40%	28%
	J. Heyrovsky Institute of Physical Chemistry ASCR	5	23	4.60	0.33	0.51	1.53	0%	36%
	Central Military Hospital Prague	5	7	1.40	0.47	0.19	0.40	20%	30%
CREATIVE ARTS, CULTURE AND MUSIC	Charles University in Prague	41	9	0.22	0.55	0.45	0.82	85%	36%
	Academy of Sciences (global)	30	11	0.37	1.48	1.33	0.90	83%	35%
	Institute of Art History of the ASCR,	13	2	0.15	1.47	2.44	1.66	92%	0%
	ASCR unresolved	10	1	0.10	0.60	0.34	0.56	90%	0%
	Masaryk University	9	1	0.11	0.43	0.44	1.03	89%	0%
	Palacky University Olomouc	7	0	0.00	0.00	0.00	0.39	100%	
EARTH SCIENCES AND TECHNOLOGY	Academy of Sciences (global)	1779	7591	4.27	0.82	0.50	0.62	35%	37%
	Charles University in Prague	1012	5126	5.07	0.90	0.67	0.74	33%	35%
	Institute of Geophysics ASCR	483	2271	4.70	0.77	0.45	0.58	29%	39%
	Czech Geological Survey	427	2762	6.47	1.04	0.91	0.88	30%	29%
	Institute of Atmospheric Physics ASCR	364	1294	3.55	0.85	0.40	0.47	35%	41%
	Institute of Geology ASCR	329	1184	3.60	0.77	0.56	0.72	38%	36%
	Masaryk University	181	828	4.57	0.88	0.68	0.76	34%	36%
	Astronomical Institute ASCR	178	469	2.63	0.80	0.26	0.32	49%	39%
	Institute of Rock Structure and Mechanics ASCR	133	274	2.06	0.70	0.39	0.55	55%	37%
	VSB-Technical University of Ostrava	97	290	2.99	0.95	0.75	0.79	62%	26%
	National Museum	97	201	2.07	0.63	0.38	0.61	44%	46%
	Czech Hydrometeorological Institute	79	471	5.96	0.96	0.87	0.91	30%	28%
	University of South Bohemia in Ceske Budejovice	75	593	7.91	0.88	1.10	1.25	21%	32%
	Czech Technical University in Prague	71	134	1.89	0.46	0.35	0.76	59%	32%
	Biology Centre ASCR	67	873	13.03	0.94	1.34	1.43	15%	32%
	Institute of Botany ASCR	48	407	8.48	1.34	1.48	1.10	19%	22%
	Research Institute of Geodesy, Topography and Cartography	44	46	1.05	0.41	0.17	0.41	55%	57%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
EARTH SCIENCES AND TECHNOLOGY	Institute of Chemical Technology Prague	39	129	3.31	0.83	0.68	0.81	51%	30%
	Institute of Inorganic Chemistry ASCR	38	137	3.61	0.89	0.81	0.91	29%	38%
	Institute of Geonics ASCR	38	45	1.18	0.45	0.23	0.50	63%	35%
	Brno University of Technology	35	93	2.66	0.76	0.52	0.68	71%	31%
	Palacky University Olomouc	34	46	1.35	0.47	0.32	0.68	50%	41%
	AGICO (Advanced Geoscience Instruments Company)	34	127	3.74	0.66	0.47	0.71	26%	34%
	Nuclear Physics Institute ASCR	32	86	2.69	0.58	0.40	0.68	34%	49%
	Institute of Systems Biology and Ecology ASCR	31	175	5.65	0.93	0.92	0.99	26%	33%
	Mendel University in Brno	30	230	7.67	1.06	1.34	1.26	30%	36%
	University of West Bohemia in Plzen	29	20	0.69	0.43	0.30	0.71	55%	53%
	Moravian Museum	28	138	4.93	0.89	0.59	0.66	14%	38%
	Czech University of Life Sciences Prague	25	66	2.64	1.24	0.88	0.71	52%	34%
	Institute of Chemical Process Fundamentals ASCR	24	143	5.96	0.75	0.74	0.99	25%	39%
	Institute of Physics ASCR	21	59	2.81	0.45	0.43	0.96	38%	46%
	Military Geography and Hydrometeorology Office Dobruska	21	24	1.14	0.45	0.08	0.19	43%	47%
	ASCR unresolved	17	95	5.59	0.81	0.50	0.61	35%	43%
	Institute of Archaeology ASCR	16	34	2.13	0.58	0.54	0.93	25%	26%
	W BOHEMIAN MUSEUM PLZEN	14	12	0.86	0.36	0.24	0.66	57%	72%
	T.G. Masaryk Water Research Institute	12	137	11.42	1.46	2.31	1.58	42%	20%
	Institute of Theoretical and Applied Mechanics ASCR	12	26	2.17	0.36	0.30	0.83	33%	48%
	Institute of Hydrodynamics ASCR	11	41	3.73	0.45	0.53	1.17	27%	24%
	Crop Research Institute	11	102	9.27	2.02	1.34	0.67	45%	23%
	University of Ostrava	11	5	0.45	0.67	0.30	0.45	73%	55%
	GEOFYZIKA AS	10	178	17.80	1.44	1.00	0.70	20%	12%
	National Institute of Public Health and regional hygienic stations	10	136	13.60	1.33	1.38	1.04	20%	28%
	Tomas Bata University in Zlin	10	49	4.90	0.45	0.42	0.92	10%	22%
	Institute of Thermomechanics ASCR	8	9	1.13	0.34	0.24	0.69	50%	50%
	Institute of Microbiology ASCR	8	45	5.63	0.94	1.24	1.32	25%	24%
	Institute of Computer Science ASCR	7	50	7.14	1.20	1.35	1.13	14%	29%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
EARTH SCIENCES AND TECHNOLOGY	Technical University of Liberec	7	56	8.00	0.81	1.16	1.42	14%	42%
	Institute of Physics of Materials ASCR	7	31	4.43	1.09	1.13	1.03	29%	37%
	J. Heyrovsky Institute of Physical Chemistry ASCR	6	44	7.33	0.55	0.65	1.18	33%	44%
	MORAVIAN LAND ARCH	5	8	1.60	0.37	0.42	1.13	80%	43%
	Academy of Fine Arts in Prague	5	47	9.40	2.73	2.11	0.77	20%	24%
	Institute of Information Theory and Automation ASCR	5	86	17.20	1.99	2.30	1.16	0%	15%
ECONOMICS AND BUSINESS	University of Economics Prague	435	195	0.45	0.76	0.08	0.11	72%	36%
	Academy of Sciences (global)	267	691	2.59	0.88	0.45	0.51	48%	18%
	Charles University in Prague	254	331	1.30	1.33	0.31	0.23	63%	17%
	CERGE-Economics Institute ASCR	223	604	2.71	0.83	0.47	0.56	46%	18%
	Czech National Bank	207	202	0.98	1.35	0.18	0.13	61%	25%
	VSB-Technical University of Ostrava	68	44	0.65	1.10	0.12	0.11	71%	35%
	Mendel University in Brno	57	62	1.09	0.78	0.76	0.97	54%	17%
	Czech University of Life Sciences Prague	57	47	0.82	1.00	1.52	1.52	58%	22%
	Masaryk University	49	12	0.24	0.42	0.06	0.14	80%	33%
	KOMERCNI BANKA AS	42	34	0.81	1.34	0.13	0.10	67%	24%
	Institute of Agricultural Economics and Informations Praha	34	42	1.24	1.20	0.33	0.28	68%	29%
	ASCR unresolved	21	75	3.57	1.06	0.62	0.58	57%	6%
	University of Hradec Kralove	18	6	0.33	0.76	0.12	0.16	89%	45%
	Technical University of Liberec	18	9	0.50	2.18	0.39	0.18	72%	18%
	Silesian University in Opava	18	5	0.28	0.56	0.08	0.15	72%	17%
	Institute of Sociology ASCR	18	17	0.94	1.41	0.14	0.10	50%	32%
	MINIST FINANCE	16	10	0.63	1.05	0.12	0.12	69%	17%
	University of Pardubice	16	0	0.00	0.00	0.00	0.09	100%	100%
	University of South Bohemia in Ceske Budejovice	14	9	0.64	1.29	0.36	0.28	79%	10%
	NEWTON HOLDING AS	14	7	0.50	0.57	0.08	0.13	71%	50%
	CTR ECON & POLIT	12	6	0.50	0.88	0.13	0.15	50%	45%
	Institute of Information Theory and Automation ASCR	10	13	1.30	1.36	0.36	0.27	50%	0%
	CZECH BUR STAT	10	5	0.50	0.53	0.07	0.14	60%	17%
	Tomas Bata University in Zlin	10	3	0.30	1.34	0.21	0.16	70%	25%

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ECONOMICS AND BUSINESS	CESKOSLOVENSKA OBCHODNI BANKA AS	8	2	0.25	0.41	0.03	0.08	75%	60%
	University of West Bohemia in Plzen	8	3	0.38	0.16	0.13	0.82	88%	40%
	PATRIA FINANCE AS	7	8	1.14	1.49	0.16	0.11	57%	0%
	Jan Evangelista Purkyně University in Ústí nad Labem	7	1	0.14	0.44	0.21	0.47	86%	0%
	Czech Technical University in Prague	6	3	0.50	1.22	0.41	0.34	83%	0%
	CTR FRANCAIS RECH SCI SOCIALES PRAGUE	5	2	0.40	1.54	0.12	0.08	80%	33%
	COLL FINANCE & ADM	5	0	0.00	0.00	0.00	0.22	100%	100%
	Brno University of Technology	5	0	0.00	0.00	0.00	0.18	100%	
	CESKA SPORTELNA AS	5	1	0.20	0.27	0.03	0.13	80%	0%
EDUCATIONAL SCIENCES	Charles University in Prague	23	22	0.96	0.57	0.23	0.41	65%	29%
	Academy of Sciences (global)	12	26	2.17	0.49	0.36	0.73	33%	19%
	Masaryk University	10	9	0.90	0.64	0.22	0.34	70%	44%
	Palacky University Olomouc	9	7	0.78	0.31	0.16	0.52	56%	22%
	University of Ostrava	7	0	0.00	0.00	0.00	0.04	100%	100%
	Institute of Sociology ASCR	5	14	2.80	0.45	0.71	1.59	60%	18%
ELECTRICAL ENGINEERING AND TELECOMMUNICATION	Academy of Sciences (global)	581	2435	4.19	0.77	0.84	1.08	43%	31%
	Czech Technical University in Prague	368	990	2.69	0.72	0.79	1.11	49%	29%
	Institute of Information Theory and Automation ASCR	199	1469	7.38	0.86	1.54	1.80	33%	22%
	Brno University of Technology	183	237	1.30	0.65	0.37	0.57	64%	34%
	Institute of Physics ASCR	172	338	1.97	0.59	0.35	0.60	52%	50%
	Charles University in Prague	131	310	2.37	0.61	0.47	0.76	46%	47%
	Institute of Photonics and Electronics ASCR	104	398	3.83	0.87	0.81	0.92	37%	34%
	University of West Bohemia in Plzen	42	31	0.74	0.54	0.29	0.54	81%	35%
	University of Pardubice	38	28	0.74	0.43	0.29	0.67	63%	62%
	Institute of Chemical Technology Prague	36	25	0.69	0.25	0.17	0.65	67%	61%
	Masaryk University	28	75	2.68	0.60	0.43	0.72	39%	34%
	VSB-Technical University of Ostrava	26	3	0.12	0.13	0.08	0.63	88%	67%
	Institute of Thermomechanics ASCR	23	15	0.65	0.49	0.21	0.43	74%	62%
	Technical University of Liberec	21	26	1.24	0.37	0.31	0.83	48%	26%
	Institute of Mathematics ASCR	16	27	1.69	0.53	0.56	1.05	50%	39%

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ELECTRICAL ENGINEERING AND TELECOMMUNICATION	Nuclear Physics Institute ASCR	15	13	0.87	0.25	0.16	0.64	60%	68%
	Institute of Scientific Instruments ASCR	13	21	1.62	0.32	0.24	0.75	38%	40%
	Institute of Macromolecular Chemistry ASCR	13	33	2.54	0.92	0.41	0.45	23%	49%
	CESNET	13	14	1.08	0.42	0.38	0.90	62%	33%
	HONEYWELL PRAGUE LAB	12	24	2.00	0.86	0.86	0.99	50%	4%
	Institute of Computer Science ASCR	12	68	5.67	0.85	1.60	1.88	50%	38%
	Czech University of Life Sciences Prague	12	12	1.00	0.54	0.32	0.59	67%	56%
	Tomas Bata University in Zlin	9	2	0.22	0.29	0.12	0.41	78%	50%
	Institute of Atmospheric Physics ASCR	7	14	2.00	0.88	0.56	0.63	71%	44%
	CRYTUR Ltd	7	23	3.29	0.93	1.15	1.24	29%	63%
	Czech Metrology Institute	7	10	1.43	0.54	0.36	0.66	57%	44%
	Rockwell Automation Inc	7	27	3.86	1.89	2.11	1.11	29%	10%
	University of Defense	7	4	0.57	1.04	0.74	0.72	57%	43%
	SKODA AUTO	5	20	4.00	1.66	0.55	0.33	20%	9%
	Institute of Inorganic Chemistry ASCR	5	7	1.40	0.20	0.22	1.10	40%	61%
	Jan Evangelista Purkyně University in Usti nad Labem	5	0	0.00	0.00	0.00	0.24	100%	100%
	University of South Bohemia in Ceske Budejovice	5	2	0.40	0.42	0.23	0.56	60%	33%
	J. Heyrovsky Institute of Physical Chemistry ASCR	5	8	1.60	0.32	0.28	0.87	60%	60%
	ON SEMICONDUCTOR CZECH REPUBL	5	1	0.20	0.14	0.06	0.44	80%	0%
	Palacky University Olomouc	5	11	2.20	0.32	0.38	1.20	60%	52%
ENERGY SCIENCE AND TECHNOLOGY	Academy of Sciences (global)	1019	3055	3.00	0.94	0.63	0.67	44%	55%
	Nuclear Physics Institute ASCR	400	842	2.11	0.67	0.39	0.58	45%	53%
	Czech Technical University in Prague	320	676	2.11	0.79	0.44	0.56	52%	59%
	Institute of Physics ASCR	292	1276	4.37	1.49	0.94	0.63	41%	62%
	Charles University in Prague	277	905	3.27	1.12	0.63	0.57	42%	70%
	Institute of Chemical Technology Prague	221	422	1.91	0.71	0.35	0.49	54%	52%
	University of West Bohemia in Plzen	78	27	0.35	0.29	0.08	0.28	82%	73%
	Nuclear Research Institute Rez	75	125	1.67	0.80	0.48	0.60	52%	42%
	Brno University of Technology	65	192	2.95	0.68	0.79	1.16	43%	25%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
ENERGY SCIENCE AND TECHNOLOGY	VSB-Technical University of Ostrava	63	95	1.51	0.86	0.84	0.98	71%	21%
	Institute of Rock Structure and Mechanics ASCR	61	87	1.43	0.51	0.49	0.97	67%	30%
	National Radiation Protection Institute	59	57	0.97	0.79	0.26	0.32	61%	46%
	Institute of Plasma Physics ASCR	54	77	1.43	0.89	0.75	0.85	65%	58%
	Czech Metrology Institute	35	64	1.83	0.80	0.38	0.47	57%	37%
	J. Heyrovsky Institute of Physical Chemistry ASCR	33	205	6.21	0.71	0.82	1.16	12%	28%
	CRYTUR Ltd	32	213	6.66	2.31	1.58	0.68	22%	52%
	ASCR unresolved	29	131	4.52	1.05	0.70	0.67	10%	52%
	Masaryk University	26	36	1.38	0.62	0.27	0.44	54%	36%
	University of Pardubice	25	38	1.52	0.43	0.29	0.68	36%	42%
	Institute of Inorganic Chemistry ASCR	23	43	1.87	0.51	0.38	0.75	39%	48%
	Czech Geological Survey	21	62	2.95	0.77	0.60	0.79	38%	32%
	National Institute of Public Health and regional hygienic stations	21	107	5.10	0.72	0.53	0.74	19%	32%
	Institute of Photonics and Electronics ASCR	21	55	2.62	0.91	0.55	0.61	43%	45%
	Institute of Geonics ASCR	20	7	0.35	0.59	0.29	0.48	90%	36%
	Palacky University Olomouc	19	49	2.58	0.66	0.44	0.66	21%	56%
	Technical University of Liberec	19	16	0.84	0.59	0.28	0.48	58%	78%
	Institute of Geology ASCR	16	41	2.56	0.46	0.56	1.21	50%	28%
	Institute of Analytical Chemistry ASCR	15	22	1.47	0.55	0.24	0.44	47%	35%
	Institute of Macromolecular Chemistry ASCR	14	27	1.93	0.68	0.51	0.76	36%	43%
	Institute of Geophysics ASCR	14	68	4.86	0.86	0.84	0.99	36%	28%
	Institute of Physics of Materials ASCR	13	48	3.69	1.53	1.35	0.88	23%	39%
	Institute of Chemical Process Fundamentals ASCR	12	63	5.25	1.14	1.23	1.08	25%	28%
	State Office for Nuclear Safety	12	9	0.75	0.45	0.14	0.32	50%	40%
	Institute of Organic Chemistry and Biochemistry ASCR	10	11	1.10	0.55	0.21	0.37	60%	58%
	SKODA AUTO	9	3	0.33	0.19	0.11	0.57	67%	67%
	Institute of Scientific Instruments ASCR	9	33	3.67	1.33	0.61	0.46	33%	58%
	Czech University of Life Sciences Prague	8	27	3.38	1.06	1.09	1.03	63%	23%
	EVECO BRNO LTD	8	33	4.13	1.43	1.54	1.07	25%	13%
	Institute of Physiology	8	21	2.63	1.50	0.82	0.55	50%	60%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	ASCR								
ENERGY SCIENCE AND TECHNOLOGY	Institute of Theoretical and Applied Mechanics ASCR	7	9	1.29	0.65	0.31	0.48	43%	67%
	Jan Evangelista Purkyne University in Usti nad Labem	7	2	0.29	0.35	0.37	1.07	86%	50%
	Na Homolce Hospital	7	7	1.00	0.33	0.14	0.42	57%	53%
	INST TECHNOL INVEST	7	15	2.14	0.60	0.31	0.52	14%	40%
	Institute of Microbiology ASCR	7	50	7.14	1.31	2.22	1.69	14%	15%
	RADON VOS CORP	6	10	1.67	0.81	0.35	0.43	67%	33%
	Astronomical Institute ASCR	6	5	0.83	0.60	0.20	0.33	67%	44%
	GRP PRAHA	6	51	8.50	1.67	1.09	0.66	0%	63%
	Military Geography and Hydrometeorology Office Dobruska	6	4	0.67	0.21	0.11	0.53	67%	56%
	Institute of Biophysics ASCR	6	41	6.83	0.56	0.65	1.17	33%	28%
	University of Defense	6	5	0.83	0.27	0.16	0.57	67%	38%
	Unipetrol Group	5	12	2.40	0.81	0.46	0.57	60%	52%
	Research Institute of Inorganic Chemistry	5	9	1.80	0.43	0.65	1.52	60%	40%
	General University Hospital Prague	5	14	2.80	0.32	0.40	1.26	20%	30%
	Institute of Computer Science ASCR	5	14	2.80	1.86	1.00	0.54	40%	59%
	University of South Bohemia in Ceske Budejovice	5	3	0.60	0.34	0.19	0.55	80%	50%
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	Academy of Sciences (global)	1555	12319	7.92	0.89	0.87	0.99	24%	29%
	Charles University in Prague	522	2854	5.47	0.85	0.89	1.05	36%	28%
	University of South Bohemia in Ceske Budejovice	442	3669	8.30	0.93	0.99	1.07	22%	27%
	Biology Centre ASCR	388	3978	10.25	0.89	0.86	0.97	15%	28%
	Masaryk University	341	2121	6.22	1.04	1.04	1.00	29%	29%
	Institute of Botany ASCR	308	2490	8.08	1.05	1.09	1.04	20%	25%
	Institute of Chemical Technology Prague	254	1588	6.25	0.79	0.73	0.93	25%	20%
	Mendel University in Brno	170	919	5.41	1.12	0.59	0.53	41%	32%
	Institute of Systems Biology and Ecology ASCR	150	850	5.67	0.81	0.61	0.75	32%	30%
	Czech University of Life Sciences Prague	120	492	4.10	1.03	0.78	0.75	44%	30%
	Czech Technical University in Prague	118	354	3.00	0.63	0.47	0.75	46%	23%
	Palacky University Olomouc	114	637	5.59	0.92	0.76	0.83	38%	22%
	Czech Geological Survey	103	983	9.54	0.83	0.99	1.18	17%	35%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	National Institute of Public Health and regional hygienic stations	98	1353	13.81	1.07	1.29	1.20	15%	22%
	Institute of Vertebrate Biology ASCR	90	551	6.12	0.90	0.85	0.94	28%	38%
	Institute of Chemical Process Fundamentals ASCR	83	500	6.02	0.52	0.66	1.27	22%	31%
	Institute of Microbiology ASCR	82	442	5.39	0.79	0.78	0.98	23%	29%
	J. Heyrovsky Institute of Physical Chemistry ASCR	65	709	10.91	0.83	1.41	1.69	15%	20%
	Institute of Organic Chemistry and Biochemistry ASCR	62	381	6.15	0.74	0.51	0.69	19%	44%
	Nuclear Physics Institute ASCR	62	185	2.98	0.67	0.40	0.60	44%	32%
	Brno University of Technology	58	138	2.38	0.54	0.39	0.72	38%	23%
	National Radiation Protection Institute	55	85	1.55	0.77	0.32	0.42	53%	38%
	Crop Research Institute	50	178	3.56	0.58	0.49	0.84	28%	41%
	University of Pardubice	46	226	4.91	0.63	0.85	1.36	30%	23%
	Institute of Inorganic Chemistry ASCR	41	227	5.54	0.76	1.13	1.48	37%	39%
	University of Veterinary and Pharmaceutical Sciences Brno	41	171	4.17	1.11	0.65	0.59	34%	26%
	T.G. Masaryk Water Research Institute	40	304	7.60	1.01	1.01	1.00	30%	18%
	Institute of Atmospheric Physics ASCR	39	249	6.38	0.90	0.94	1.04	31%	29%
	Institute of Experimental Botany ASCR	39	176	4.51	0.50	0.55	1.10	23%	42%
	VSB-Technical University of Ostrava	38	203	5.34	0.85	0.70	0.82	34%	22%
	Institute of Geology ASCR	34	75	2.21	0.76	0.50	0.65	44%	44%
	Czech Hydrometeorological Institute	34	353	10.38	1.07	1.22	1.14	32%	16%
	Institute of Experimental Medicine ASCR	31	942	30.39	1.44	2.38	1.65	10%	22%
	Institute of Hydrodynamics ASCR	28	93	3.32	0.58	0.66	1.13	57%	23%
	Forestry and Game Management Research Institute	28	145	5.18	0.60	0.57	0.95	29%	29%
	Institute of Animal Physiology and Genetics ASCR	28	278	9.93	1.11	1.08	0.97	21%	25%
	Tomas Bata University in Zlin	27	55	2.04	0.35	0.33	0.96	37%	26%
	Research Institute Silva Taroucy	27	202	7.48	1.44	1.37	0.95	26%	15%
	Jan Evangelista Purkyně University in Ústí nad Labem	23	213	9.26	1.67	1.36	0.82	39%	14%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	Institute of Biophysics ASCR	22	149	6.77	0.77	0.66	0.87	27%	33%
	National Museum	22	85	3.86	0.87	0.89	1.02	36%	25%
	Institute of Rock Structure and Mechanics ASCR	22	76	3.45	0.51	0.48	0.93	45%	14%
	Veterinary Research Institute	20	399	19.95	1.33	1.67	1.26	10%	24%
	INST FOREST ECOSYST RES LTD	19	113	5.95	1.11	1.60	1.43	21%	31%
	Institute of Geophysics ASCR	18	122	6.78	1.21	0.88	0.73	33%	23%
	ENKI	17	120	7.06	2.29	1.67	0.73	41%	10%
	University of Defense	15	55	3.67	0.79	0.68	0.86	33%	49%
	Institute of Macromolecular Chemistry ASCR	15	56	3.73	0.66	0.90	1.36	33%	23%
	University of Ostrava	14	70	5.00	0.77	0.67	0.88	29%	46%
	ASCR unresolved	14	120	8.57	0.69	0.86	1.25	43%	25%
	Institute of Physics ASCR	14	25	1.79	0.29	0.27	0.92	50%	70%
	Institute of Analytical Chemistry ASCR	13	101	7.77	1.17	0.98	0.84	8%	27%
	Agency for Nature Conservation and Landscape Protection of the Czech Republic	12	65	5.42	0.98	0.83	0.85	42%	26%
	TOCOEN LTD	12	117	9.75	1.19	1.08	0.91	17%	37%
	ENVIRONM MEASURING SYST INC	10	191	19.10	1.41	1.54	1.10	10%	27%
	State Office for Nuclear Safety	10	12	1.20	0.38	0.19	0.50	50%	48%
	Research Institute of Soil and Water Conservation	9	12	1.33	0.41	0.17	0.42	33%	25%
	Institute of Animal Science	8	27	3.38	0.55	0.36	0.66	38%	25%
	Institute of Computer Science ASCR	8	51	6.38	1.99	2.37	1.19	50%	14%
	Central Institute for Supervising & Testing in Agriculture	7	25	3.57	0.90	0.48	0.54	14%	26%
	RADON VOS CORP	7	17	2.43	0.81	0.31	0.38	57%	23%
	Ministry of the Environment	7	49	7.00	0.79	0.50	0.63	29%	8%
	Institute of Thermomechanics ASCR	7	7	1.00	0.23	0.18	0.75	71%	22%
	ECOL & USE WETLANDS	7	159	22.71	2.26	1.69	0.75	0%	3%
	Military Geography and Hydrometeorology Office Dobruska	6	5	0.83	0.49	0.27	0.55	50%	44%
	Institute of Physiology ASCR	6	4	0.67	0.54	0.16	0.29	50%	64%
	MUSEUM KRKONOSE	5	13	2.60	0.66	0.42	0.63	20%	48%
	Institute of Physics of Materials ASCR	5	29	5.80	1.22	1.48	1.21	20%	36%
	Research Institute of	5	42	8.40	0.74	0.92	1.23	20%	11%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Inorganic Chemistry								
ENVIRONMENTAL SCIENCES AND TECHNOLOGY	REG MUSEUM	5	11	2.20	0.29	0.31	1.06	20%	15%
	Moravian Museum	5	15	3.00	0.45	0.19	0.42	20%	40%
	LAB ECOL MEASUREMENT SYST INC	5	141	28.20	1.84	2.48	1.34	0%	32%
	HYDROPROJEKT CZ AS	5	10	2.00	0.24	0.17	0.69	20%	17%
	University of Economics Prague	5	6	1.20	0.17	0.12	0.72	40%	0%
	DEKONTA CO	5	10	2.00	0.93	0.87	0.94	40%	17%
	Technical University of Liberec	5	3	0.60	0.19	0.17	0.92	60%	63%
	CERGE-Economics Institute ASCR	5	28	5.60	1.98	1.24	0.63	40%	13%
GENERAL AND INDUSTRIAL ENGINEERING	Academy of Sciences (global)	113	305	2.70	0.68	0.80	1.18	43%	34%
	Czech Technical University in Prague	59	123	2.08	0.89	0.70	0.78	53%	39%
	Brno University of Technology	41	86	2.10	0.71	0.55	0.78	46%	17%
	VSB-Technical University of Ostrava	41	97	2.37	0.62	0.62	1.00	46%	34%
	Charles University in Prague	38	89	2.34	0.66	0.78	1.17	45%	41%
	Institute of Physics ASCR	21	76	3.62	0.95	1.44	1.51	52%	24%
	Institute of Mathematics ASCR	19	43	2.26	0.40	0.54	1.35	58%	40%
	University of West Bohemia in Plzen	16	38	2.38	0.66	0.66	1.00	31%	16%
	Institute of Scientific Instruments ASCR	15	37	2.47	1.05	0.93	0.88	47%	34%
	Institute of Physics of Materials ASCR	12	28	2.33	0.85	0.57	0.67	17%	48%
	Institute of Thermomechanics ASCR	11	13	1.18	0.26	0.37	1.42	64%	35%
	Institute of Macromolecular Chemistry ASCR	7	13	1.86	1.65	1.67	1.01	29%	35%
	Czech Metrology Institute	7	3	0.43	0.78	0.48	0.62	71%	50%
	Nuclear Physics Institute ASCR	6	5	0.83	1.18	0.24	0.20	67%	29%
	Czech University of Life Sciences Prague	6	9	1.50	0.90	0.75	0.83	83%	0%
	Technical University of Liberec	6	5	0.83	0.41	0.25	0.60	67%	44%
HEALTH SCIENCES	Charles University in Prague	135	724	5.36	0.72	0.56	0.78	28%	23%
	Academy of Sciences (global)	58	274	4.72	0.57	0.50	0.88	24%	30%
	Masaryk University	22	86	3.91	0.39	0.33	0.84	36%	36%
	Institute of Computer Science ASCR	20	37	1.85	0.47	0.33	0.70	30%	21%
	Prague Psychiatric Centre	20	133	6.65	0.54	0.52	0.97	15%	30%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
HEALTH SCIENCES	Palacky University Olomouc	19	51	2.68	0.87	0.59	0.68	53%	14%
	Institute for Postgraduate Medical Education	12	97	8.08	0.99	1.00	1.01	33%	28%
	Institute of Experimental Medicine ASCR	11	86	7.82	0.77	0.96	1.25	27%	26%
	Institute of Physiology ASCR	10	48	4.80	0.33	0.28	0.85	20%	38%
	Faculty Hospital Na Bulovce	9	118	13.11	0.72	1.07	1.49	22%	27%
	ASCR unresolved	9	24	2.67	0.61	0.28	0.46	11%	33%
	National Institute of Public Health and regional hygienic stations	8	16	2.00	0.44	0.29	0.65	38%	11%
	General University Hospital Prague	7	16	2.29	0.56	0.47	0.84	29%	20%
	Institute for Clinical and Experimental Medicine	6	9	1.50	0.26	0.19	0.74	33%	0%
	Czech Technical University in Prague	6	6	1.00	0.32	0.27	0.82	67%	14%
	University Hospital Brno	6	15	2.50	0.42	0.40	0.95	50%	17%
	University Hospital Hradec Kralove	5	20	4.00	1.11	0.84	0.76	40%	20%
HISTORY, PHILOSOPHY AND RELIGION	Academy of Sciences (global)	217	134	0.62	0.91	0.47	0.51	73%	31%
	Institute of Philosophy ASCR	165	51	0.31	1.23	0.28	0.23	78%	34%
	Charles University in Prague	153	52	0.34	0.47	0.25	0.54	78%	36%
	Masaryk University	82	29	0.35	0.70	0.30	0.43	76%	37%
	Palacky University Olomouc	47	8	0.17	0.41	0.18	0.43	87%	11%
	Institute of Archaeology ASCR	21	48	2.29	0.76	0.99	1.30	57%	24%
	University of South Bohemia in Ceske Budejovice	20	2	0.10	0.60	0.19	0.31	90%	33%
	VSB-Technical University of Ostrava	14	3	0.21	1.24	0.17	0.14	86%	67%
	University of Economics Prague	13	4	0.31	1.09	0.19	0.18	77%	0%
	University of West Bohemia in Plzen	10	3	0.30	0.47	0.50	1.06	70%	50%
	ASCR unresolved	9	2	0.22	0.35	0.17	0.48	78%	67%
	Moravian Museum	7	16	2.29	0.87	0.90	1.03	29%	38%
	National Museum	5	23	4.60	1.39	1.58	1.13	40%	8%
	GYMNAZIUM OHRADNI	5	1	0.20	0.56	0.12	0.22	80%	0%
	T.G. Masaryk Water Research Institute	5	2	0.40	1.60	0.35	0.22	60%	67%
	University of Hradec Kralove	5	1	0.20	0.97	0.20	0.20	80%	0%
	Institute of Contemporary History ASCR	5	2	0.40	0.91	0.49	0.53	60%	33%

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INFORMATION AND COMMUNICATION SCIENCES	Charles University in Prague	10	47	4.70	0.93	0.69	0.74	40%	22%
	Masaryk University	7	3	0.43	0.33	0.52	1.59	86%	67%
INSTRUMENTS AND INSTRUMENTATION	Academy of Sciences (global)	697	3243	4.65	1.02	0.80	0.78	35%	54%
	Czech Technical University in Prague	296	984	3.32	1.07	0.91	0.85	46%	51%
	Institute of Physics ASCR	234	1284	5.49	1.34	0.96	0.72	32%	65%
	Charles University in Prague	215	904	4.20	1.08	0.77	0.71	31%	69%
	Nuclear Physics Institute ASCR	149	312	2.09	0.63	0.37	0.59	45%	61%
	Institute of Scientific Instruments ASCR	79	170	2.15	0.57	0.46	0.80	42%	51%
	Institute of Photonics and Electronics ASCR	78	883	11.32	1.38	1.84	1.33	23%	22%
	Masaryk University	75	600	8.00	0.94	1.14	1.21	31%	34%
	Institute of Chemical Technology Prague	67	368	5.49	1.02	0.94	0.92	31%	32%
	Brno University of Technology	59	150	2.54	0.64	0.64	0.99	47%	50%
	Czech Metrology Institute	42	37	0.88	0.33	0.20	0.59	64%	57%
	Mendel University in Brno	32	79	2.47	1.18	0.90	0.76	47%	75%
	University of Veterinary and Pharmaceutical Sciences Brno	27	44	1.63	0.70	0.58	0.82	44%	76%
	ASCR unresolved	26	115	4.42	0.95	0.67	0.70	15%	53%
	J. Heyrovsky Institute of Physical Chemistry ASCR	23	88	3.83	0.64	0.54	0.85	26%	48%
	Technical University of Liberec	21	18	0.86	0.52	0.27	0.52	57%	80%
	Institute of Plasma Physics ASCR	19	36	1.89	0.62	0.40	0.65	37%	60%
	University of South Bohemia in Ceske Budejovice	17	25	1.47	0.74	0.51	0.69	41%	43%
	Institute of Physiology ASCR	16	107	6.69	1.03	0.80	0.77	31%	35%
	CRYTUR Ltd	14	179	12.79	4.03	2.34	0.58	7%	42%
	Palacky University Olomouc	14	48	3.43	0.69	0.61	0.89	29%	56%
	Tomas Bata University in Zlin	13	22	1.69	1.14	0.77	0.67	46%	73%
	VSB-Technical University of Ostrava	13	24	1.85	0.52	0.62	1.19	54%	40%
	Institute of Organic Chemistry and Biochemistry ASCR	12	44	3.67	0.64	0.65	1.01	33%	29%
	Institute of Macromolecular Chemistry ASCR	12	201	16.75	1.74	2.22	1.28	0%	23%
	Institute of Thermomechanics ASCR	12	6	0.50	0.27	0.23	0.83	75%	76%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
INSTRUMENTS AND INSTRUMENTATION	University of Pardubice	11	27	2.45	0.39	0.44	1.12	36%	31%
	Institute of Biophysics ASCR	9	24	2.67	0.77	0.43	0.56	22%	73%
	Institute of Information Theory and Automation ASCR	9	14	1.56	0.24	0.25	1.05	33%	58%
	Jan Evangelista Purkyně University in Ústí nad Labem	8	4	0.50	0.26	0.25	0.98	88%	50%
	Nuclear Research Institute Řež	8	8	1.00	0.33	0.19	0.56	75%	60%
	Institute of Theoretical and Applied Mechanics ASCR	8	18	2.25	0.82	0.52	0.64	38%	51%
	National Institute of Public Health and regional hygienic stations	8	22	2.75	1.15	0.42	0.37	38%	15%
	Institute of Experimental Medicine ASCR	8	75	9.38	1.21	0.86	0.71	0%	5%
	Institute of Microbiology ASCR	8	15	1.88	0.18	0.12	0.69	50%	71%
	University of Defense	8	4	0.50	0.86	0.46	0.53	50%	88%
	Institute of Molecular Genetics ASCR	7	68	9.71	1.97	1.03	0.52	14%	17%
	Military Geography and Hydrometeorology Office Dobruška	7	6	0.86	0.32	0.18	0.55	43%	80%
	Institute of Chemical Process Fundamentals ASCR	7	14	2.00	0.37	0.40	1.08	29%	39%
	Czech Geological Survey	6	23	3.83	0.70	0.56	0.80	0%	36%
	Institute of Physics of Materials ASCR	6	9	1.50	0.56	0.52	0.94	50%	70%
	Biology Centre ASCR	5	6	1.20	0.34	0.27	0.80	40%	45%
	University of West Bohemia in Plzeň	5	11	2.20	1.57	0.82	0.52	40%	42%
	Institute of Computer Science ASCR	5	13	2.60	1.79	0.64	0.36	60%	59%
	GRP PRAHA	5	48	9.60	2.04	1.16	0.57	0%	62%
LANGUAGE AND LINGUISTICS	Charles University in Prague	13	6	0.46	0.20	0.19	0.94	77%	0%
	Academy of Sciences (global)	10	4	0.40	0.27	0.19	0.69	80%	20%
	Institute of the Czech Language ASCR	9	4	0.44	0.27	0.19	0.69	78%	0%
	Masaryk University	9	2	0.22	2.64	0.48	0.18	89%	33%
	Palacký University Olomouc	6	16	2.67	0.86	1.84	2.13	83%	24%
LAW AND CRIMINOLOGY	Charles University in Prague	28	103	3.68	0.87	0.78	0.89	29%	13%
	Institute of Criminalistics Praha	11	70	6.36	1.21	1.41	1.17	18%	25%
	Institute of Chemical Technology Prague	6	31	5.17	0.75	0.77	1.03	17%	9%
	General University	5	11	2.20	0.36	0.37	1.04	20%	21%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Hospital Prague								
LAW AND CRIMINOLOGY	Masaryk University	5	15	3.00	0.88	0.73	0.83	60%	12%
	Palacky University Olomouc	5	14	2.80	0.61	0.35	0.57	40%	13%
LITERATURE	Charles University in Prague	124	21	0.17	1.11	0.95	0.85	89%	40%
	Academy of Sciences (global)	90	18	0.20	1.05	0.98	0.94	86%	28%
	Institute of Czech Literature ASCR	81	17	0.21	1.12	1.08	0.96	85%	29%
	Masaryk University	37	7	0.19	1.20	0.80	0.67	92%	22%
	University of South Bohemia in Ceske Budejovice	20	2	0.10	0.90	0.67	0.74	90%	50%
	Palacky University Olomouc	17	0	0.00	0.00	0.00	0.52	100%	
	University of Ostrava	12	3	0.25	1.32	0.94	0.71	83%	25%
	University of Hradec Kralove	7	0	0.00	0.00	0.00	1.11	100%	
MANAGEMENT AND PLANNING	Academy of Sciences (global)	69	301	4.36	1.01	0.93	0.92	39%	24%
	Charles University in Prague	44	287	6.52	1.20	1.33	1.11	41%	26%
	Institute of Information Theory and Automation ASCR	31	107	3.45	0.82	0.87	1.07	39%	26%
	VSB-Technical University of Ostrava	18	68	3.78	0.99	0.84	0.85	33%	38%
	Technical University of Liberec	18	5	0.28	0.41	0.20	0.48	78%	17%
	Institute of Computer Science ASCR	17	75	4.41	0.88	0.77	0.88	29%	23%
	Czech Technical University in Prague	14	19	1.36	0.42	0.42	0.98	43%	41%
	University of Pardubice	13	0	0.00	0.00	0.00	0.18	100%	100%
	University of Hradec Kralove	11	2	0.18	0.20	0.22	1.12	91%	78%
	Institute of Mathematics ASCR	10	60	6.00	1.96	1.59	0.81	40%	34%
	Masaryk University	9	1	0.11	0.38	0.23	0.60	89%	50%
	University of Economics Prague	9	30	3.33	1.26	0.99	0.79	56%	3%
	Tomas Bata University in Zlin	8	4	0.50	1.60	0.68	0.43	63%	20%
	Brno University of Technology	8	26	3.25	0.74	0.56	0.76	38%	7%
	University of West Bohemia in Plzen	6	0	0.00	0.00	0.00	0.46	100%	100%
	CERGE-Economics Institute ASCR	5	11	2.20	0.38	0.30	0.78	40%	21%
MATHEMATICS & STATISTICAL SCIENCES	Academy of Sciences (global)	1572	5679	3.61	1.15	0.99	0.86	42%	33%
	Charles University in Prague	1498	3893	2.60	1.00	0.89	0.89	49%	35%

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MATHEMATICS & STATISTICAL SCIENCES	Institute of Mathematics ASCR	864	2494	2.89	1.12	1.00	0.89	46%	34%
	Czech Technical University in Prague	323	695	2.15	0.97	0.65	0.67	56%	35%
	Masaryk University	322	601	1.87	0.83	0.66	0.80	46%	41%
	Palacky University Olomouc	268	460	1.72	0.97	0.74	0.76	61%	42%
	Institute of Computer Science ASCR	245	1214	4.96	1.31	1.42	1.08	35%	29%
	Institute of Information Theory and Automation ASCR	231	1198	5.19	1.40	1.17	0.84	33%	32%
	University of West Bohemia in Plzen	201	620	3.08	1.26	1.10	0.88	53%	25%
	VSB-Technical University of Ostrava	158	488	3.09	1.20	1.20	1.00	46%	40%
	Brno University of Technology	145	202	1.39	0.57	0.39	0.68	58%	45%
	Silesian University in Opava	88	227	2.58	0.91	0.82	0.90	40%	30%
	Institute of Thermomechanics ASCR	64	90	1.41	0.60	0.35	0.58	69%	20%
	Technical University of Liberec	52	73	1.40	0.87	0.57	0.65	63%	24%
	Institute of Chemical Technology Prague	39	103	2.64	0.48	0.47	0.98	36%	42%
	University of Ostrava	36	83	2.31	1.30	1.19	0.91	56%	34%
	Institute of Geonics ASCR	32	69	2.16	0.52	0.66	1.27	50%	52%
	ASCR unresolved	31	120	3.87	0.85	0.71	0.83	32%	26%
	J. Heyrovsky Institute of Physical Chemistry ASCR	28	148	5.29	0.91	0.51	0.56	18%	40%
	Nuclear Physics Institute ASCR	27	90	3.33	1.85	1.08	0.58	44%	40%
	University of Hradec Kralove	24	23	0.96	0.69	0.56	0.81	67%	63%
	Czech University of Life Sciences Prague	22	89	4.05	1.36	1.24	0.91	32%	49%
	Institute of Chemical Process Fundamentals ASCR	19	164	8.63	1.62	0.78	0.48	16%	51%
	University of Economics Prague	16	32	2.00	0.61	0.39	0.64	56%	20%
	Jan Evangelista Purkyně University in Ústí nad Labem	9	9	1.00	1.03	0.84	0.82	44%	31%
	Astronomical Institute ASCR	8	36	4.50	1.26	0.48	0.38	50%	35%
	Mendel University in Brno	8	9	1.13	0.55	0.51	0.93	63%	0%
	University of South Bohemia in České Budějovice	7	11	1.57	0.61	0.43	0.70	43%	8%
	Institute of Organic Chemistry and Biochemistry ASCR	7	56	8.00	1.25	1.12	0.90	29%	10%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
MATHEMATICS & STATISTICAL SCIENCES	Institute of Physics ASCR	6	10	1.67	0.96	0.58	0.60	50%	29%
	Institute of Hydrodynamics ASCR	5	8	1.60	1.67	0.35	0.21	60%	11%
	Institute of Theoretical and Applied Mechanics ASCR	5	1	0.20	0.06	0.03	0.43	80%	0%
	Institute of Physiology ASCR	5	11	2.20	0.48	0.42	0.87	40%	39%
	Tomas Bata University in Zlin	5	5	1.00	1.33	0.69	0.52	40%	17%
MECHANICAL ENGINEERING AND AEROSPACE	Academy of Sciences (global)	397	1193	3.01	0.71	0.63	0.88	47%	33%
	Czech Technical University in Prague	168	254	1.51	0.55	0.34	0.62	58%	43%
	Charles University in Prague	101	375	3.71	1.12	0.72	0.64	44%	37%
	Brno University of Technology	88	294	3.34	0.92	0.79	0.87	35%	29%
	Institute of Thermomechanics ASCR	83	127	1.53	0.51	0.35	0.68	54%	34%
	Institute of Mathematics ASCR	63	105	1.67	0.47	0.35	0.74	68%	40%
	Institute of Physics ASCR	50	268	5.36	1.01	0.93	0.92	30%	36%
	Institute of Chemical Process Fundamentals ASCR	40	142	3.55	0.61	0.76	1.25	35%	26%
	Institute of Theoretical and Applied Mechanics ASCR	34	103	3.03	0.74	0.61	0.83	44%	27%
	Institute of Physics of Materials ASCR	34	161	4.74	1.54	1.03	0.67	26%	34%
	Institute of Chemical Technology Prague	27	44	1.63	0.33	0.27	0.82	44%	59%
	Institute of Hydrodynamics ASCR	27	90	3.33	0.71	0.77	1.10	48%	36%
	University of West Bohemia in Plzen	24	23	0.96	0.36	0.26	0.73	63%	38%
	VSB-Technical University of Ostrava	21	35	1.67	0.51	0.43	0.84	52%	39%
	Tomas Bata University in Zlin	19	36	1.89	0.62	0.74	1.18	42%	48%
	University of Pardubice	18	99	5.50	0.78	0.73	0.93	17%	50%
	Technical University of Liberec	15	22	1.47	0.33	0.30	0.90	47%	27%
	Institute of Information Theory and Automation ASCR	14	32	2.29	1.23	0.54	0.44	36%	43%
	Palacky University Olomouc	12	7	0.58	0.51	0.29	0.57	75%	53%
	Institute of Macromolecular Chemistry ASCR	12	53	4.42	0.35	0.72	2.04	8%	21%
	Masaryk University	11	59	5.36	1.04	0.95	0.92	18%	19%
	Institute of Geonics ASCR	6	15	2.50	0.28	0.42	1.48	50%	29%
	EVECO BRNO LTD	6	25	4.17	1.43	1.46	1.02	33%	24%
	Institute of Computer	6	22	3.67	1.14	0.76	0.67	50%	19%

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	Science ASCR								
MECHANICAL ENGINEERING AND AEROSPACE	Astronomical Institute ASCR	5	0	0.00	0.00	0.00	0.65	100%	100%
	Institute of Atmospheric Physics ASCR	5	11	2.20	0.50	0.35	0.69	60%	35%
	Nuclear Physics Institute ASCR	5	14	2.80	2.03	2.37	1.17	40%	26%
	ASCR unresolved	5	50	10.00	1.70	1.59	0.94	40%	11%
	Institute of Geophysics ASCR	5	10	2.00	0.41	0.27	0.66	40%	66%
MULTIDISCIPLINARY JOURNALS	Academy of Sciences (global)	214	5354	25.02	0.65	0.71	1.10	17%	22%
	Charles University in Prague	141	3588	25.45	0.63	0.81	1.29	16%	23%
	Institute of Physiology ASCR	37	797	21.54	0.47	0.45	0.96	8%	22%
	Palacky University Olomouc	25	1153	46.12	1.25	1.92	1.54	20%	16%
	Masaryk University	23	800	34.78	1.43	1.72	1.20	30%	20%
	University of South Bohemia in Ceske Budejovice	23	462	20.09	0.71	0.94	1.32	30%	22%
	Biology Centre ASCR	21	577	27.48	0.74	0.97	1.31	14%	20%
	Institute of Microbiology ASCR	19	528	27.79	0.58	0.67	1.17	11%	21%
	Institute of Experimental Botany ASCR	17	667	39.24	1.51	1.83	1.21	18%	17%
	Astronomical Institute ASCR	16	224	14.00	0.22	0.57	2.54	6%	40%
	Institute of Organic Chemistry and Biochemistry ASCR	16	339	21.19	0.68	0.87	1.29	25%	33%
	Institute of Molecular Genetics ASCR	15	938	62.53	1.15	1.88	1.64	7%	12%
	Institute of Physics ASCR	13	434	33.38	0.56	1.11	1.97	8%	28%
	ASCR unresolved	11	114	10.36	0.54	0.32	0.59	27%	19%
	University of Defense	10	10	1.00	0.78	0.06	0.07	70%	58%
	Institute of Chemical Technology Prague	9	87	9.67	0.52	0.27	0.52	22%	37%
	Institute of Experimental Medicine ASCR	8	224	28.00	0.72	0.67	0.94	0%	23%
	Institute of Rheumatology	7	16	2.29	0.29	0.05	0.18	14%	11%
	Institute of Botany ASCR	7	69	9.86	0.37	0.51	1.36	43%	28%
	Institute for Clinical and Experimental Medicine	7	64	9.14	0.67	0.18	0.26	14%	26%
	Czech Technical University in Prague	7	64	9.14	0.63	0.31	0.50	71%	40%
	J. Heyrovsky Institute of Physical Chemistry ASCR	5	287	57.40	0.91	0.99	1.09	20%	20%
	Institute of Macromolecular Chemistry ASCR	5	24	4.80	0.59	0.10	0.16	20%	33%
	Institute of	5	15	3.00	0.26	0.11	0.41	60%	42%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
	Thermomechanics ASCR								
MULTIDISCIPLINARY JOURNALS	Institute of Biophysics ASCR	5	66	13.20	0.60	0.69	1.15	0%	42%
	Brno University of Technology	5	3	0.60	0.11	0.01	0.12	80%	70%
	Institute of Endocrinology	5	58	11.60	1.12	0.25	0.23	0%	3%
	Institute of Vertebrate Biology ASCR	5	48	9.60	0.79	0.31	0.40	60%	16%
PHYSICS AND MATERIALS SCIENCE	Academy of Sciences (global)	11954	72658	6.08	0.89	0.83	0.93	34%	38%
	Institute of Physics ASCR	6012	37288	6.20	0.85	0.82	0.97	33%	39%
	Charles University in Prague	4807	25921	5.39	0.80	0.72	0.91	35%	41%
	Czech Technical University in Prague	1893	6060	3.20	0.83	0.54	0.65	47%	41%
	Nuclear Physics Institute ASCR	1413	9244	6.54	1.01	0.87	0.86	34%	41%
	Institute of Chemical Technology Prague	1068	3402	3.19	0.70	0.49	0.70	40%	44%
	Masaryk University	1065	5728	5.38	0.88	0.77	0.88	37%	29%
	J. Heyrovsky Institute of Physical Chemistry ASCR	1033	9940	9.62	0.95	1.02	1.07	21%	33%
	Institute of Physics of Materials ASCR	879	3972	4.52	0.80	0.71	0.89	37%	35%
	Palacky University Olomouc	763	3612	4.73	0.75	0.66	0.89	37%	34%
	Brno University of Technology	759	1935	2.55	0.70	0.46	0.65	47%	39%
	University of Pardubice	647	2412	3.73	0.77	0.59	0.76	36%	40%
	Institute of Plasma Physics ASCR	517	1644	3.18	0.95	0.47	0.49	49%	47%
	Institute of Macromolecular Chemistry ASCR	476	3023	6.35	0.93	0.96	1.03	31%	34%
	Institute of Organic Chemistry and Biochemistry ASCR	389	3830	9.85	1.54	1.78	1.16	23%	30%
	Institute of Inorganic Chemistry ASCR	385	1240	3.22	0.65	0.54	0.84	39%	41%
	Institute of Chemical Process Fundamentals ASCR	358	1913	5.34	0.71	0.68	0.97	26%	43%
	Institute of Photonics and Electronics ASCR	356	1398	3.93	0.71	0.63	0.89	40%	31%
	VSB-Technical University of Ostrava	339	704	2.08	0.77	0.44	0.56	63%	33%
	Technical University of Liberec	276	705	2.55	0.88	0.48	0.54	56%	41%
	University of West Bohemia in Plzen	262	2180	8.32	1.94	1.59	0.82	33%	22%
	Institute of Scientific Instruments ASCR	175	621	3.55	0.84	0.50	0.59	40%	42%
	University of South Bohemia in Ceske	166	336	2.02	0.86	0.53	0.63	57%	37%

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	Budejovice								
PHYSICS AND MATERIALS SCIENCE	Institute of Thermomechanics ASCR	158	485	3.07	0.71	0.54	0.76	47%	32%
	Silesian University in Opava	154	396	2.57	0.37	0.31	0.84	40%	54%
	Jan Evangelista Purkyně University in Ústí nad Labem	137	391	2.85	0.64	0.49	0.77	46%	47%
	ASCR unresolved	134	694	5.18	0.79	0.63	0.79	28%	36%
	Tomas Bata University in Zlín	113	311	2.75	1.13	0.73	0.65	46%	33%
	Institute of Mathematics ASCR	110	357	3.25	0.74	0.51	0.69	47%	40%
	VUK Panenské Brezany	74	98	1.32	0.62	0.32	0.52	62%	42%
	Czech Metrology Institute	67	74	1.10	0.41	0.23	0.55	55%	55%
	Nuclear Research Institute Řež	66	114	1.73	0.74	0.44	0.59	52%	38%
	Institute of Rock Structure and Mechanics ASCR	61	105	1.72	0.36	0.28	0.77	52%	40%
	University of Hradec Králové	57	251	4.40	0.62	0.61	0.99	40%	34%
	CRYTUR Ltd	57	380	6.67	1.59	1.00	0.63	19%	50%
	Institute of Systems Biology and Ecology ASCR	54	73	1.35	0.66	0.44	0.67	61%	47%
	SKODA AUTO	51	141	2.76	0.80	0.46	0.58	39%	17%
	Institute of Theoretical and Applied Mechanics ASCR	46	148	3.22	0.72	0.65	0.90	52%	35%
	Institute of Microbiology ASCR	46	185	4.02	0.83	0.67	0.81	46%	37%
	Military Geography and Hydrometeorology Office Dobruška	41	94	2.29	0.68	0.35	0.52	51%	46%
	Institute of Physiology ASCR	38	108	2.84	0.72	0.60	0.83	53%	54%
	Teva Czech Industries	34	40	1.18	0.56	0.22	0.40	62%	66%
	COMTES FHT Inc	34	38	1.12	1.05	0.40	0.38	56%	27%
	Astronomical Institute ASCR	33	116	3.52	0.55	0.42	0.77	73%	39%
	Institute of Information Theory and Automation ASCR	32	451	14.09	1.50	2.68	1.79	47%	14%
	Institute of Biophysics ASCR	31	759	24.48	3.18	3.80	1.20	39%	25%
	SVUM	30	49	1.63	0.42	0.31	0.73	47%	40%
	Institute of Atmospheric Physics ASCR	25	86	3.44	0.61	0.56	0.91	40%	46%
	Institute of Analytical Chemistry ASCR	23	59	2.57	0.59	0.47	0.79	30%	34%
	Vitkovice, Research and Development- Technical Applications, Inc.	22	94	4.27	1.14	0.87	0.76	55%	8%
	Czech Geological Survey	22	45	2.05	0.60	0.56	0.94	32%	35%
	Mendel University in Brno	20	34	1.70	0.53	0.22	0.41	60%	38%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
PHYSICS AND MATERIALS SCIENCE	Institute of Computer Science ASCR	20	246	12.30	1.24	1.67	1.35	30%	26%
	Institute of Hydrodynamics ASCR	19	67	3.53	0.71	0.46	0.65	47%	39%
	University of Ostrava	19	93	4.89	0.97	0.84	0.87	37%	39%
	University of Veterinary and Pharmaceutical Sciences Brno	19	26	1.37	0.75	0.48	0.64	47%	47%
	Institute of Geophysics ASCR	19	95	5.00	1.02	0.73	0.71	26%	26%
	SHM LTD	18	536	29.78	5.13	5.11	1.00	17%	22%
	University of Defense	17	5	0.29	0.37	0.08	0.23	82%	75%
	Biology Centre ASCR	17	19	1.12	0.39	0.29	0.74	53%	37%
	CESNET	14	18	1.29	0.50	0.44	0.87	57%	38%
	GLASS SERV LTD	14	10	0.71	0.37	0.17	0.46	71%	70%
	HVM PLASMA LTD	14	53	3.79	0.86	0.79	0.92	43%	16%
	Institute of Geonics ASCR	13	9	0.69	0.47	0.13	0.27	62%	59%
	Institute of Geology ASCR	12	25	2.08	0.46	0.37	0.81	33%	32%
	State Office for Nuclear Safety	12	11	0.92	0.95	0.07	0.08	75%	69%
	Food Research Institute Prague	12	21	1.75	1.66	0.35	0.21	58%	42%
	Research Institute of Organic Syntheses	11	26	2.36	1.01	0.90	0.89	45%	42%
	ON SEMICONDUCTOR CZECH REPUBL	11	7	0.64	0.19	0.17	0.87	64%	67%
	BBT MAT PROC	10	10	1.00	0.18	0.13	0.75	50%	55%
	ECOSOND SRO	10	7	0.70	0.33	0.14	0.42	60%	46%
	Institute of Molecular Genetics ASCR	10	18	1.80	0.29	0.25	0.88	30%	50%
	EVECO BRNO LTD	10	34	3.40	1.09	1.14	1.05	30%	24%
	Czech University of Life Sciences Prague	10	14	1.40	0.45	0.24	0.52	50%	36%
	REFLEX SRO	9	4	0.44	0.31	0.07	0.24	89%	78%
	Institute of Experimental Botany ASCR	9	27	3.00	0.91	0.71	0.78	22%	39%
	Polymer Institute Brno	8	4	0.50	0.26	0.16	0.62	50%	60%
	General University Hospital Prague	8	18	2.25	0.96	0.49	0.52	50%	31%
	POLOVODICE AS	8	16	2.00	0.52	0.36	0.69	63%	47%
	MAT & MET RES LTD	7	0	0.00	0.00	0.00	0.28	100%	
	VTUO BRNO DIV	7	2	0.29	0.51	0.05	0.09	71%	71%
	INST TECHNOL INVEST	7	15	2.14	0.60	0.31	0.52	14%	40%
	SOLARTEC SRO	6	2	0.33	0.15	0.15	1.04	67%	67%
	SYNPO AS	6	4	0.67	0.92	0.20	0.22	67%	33%
	SPOLCHEMIE AS	5	19	3.80	0.65	0.58	0.89	20%	14%
	ZDAS AS	5	0	0.00	0.00	0.00	0.05	100%	100%
	GRP PRAHA	5	48	9.60	2.04	1.16	0.57	0%	62%
	University Hospital Motol	5	6	1.20	0.68	0.42	0.61	40%	67%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
PHYSICS AND MATERIALS SCIENCE	CERVENKA COUNSULTING	5	15	3.00	0.84	1.21	1.43	60%	48%
POLITICAL SCIENCE AND PUBLIC ADMINISTRATION	University of Economics Prague	317	160	0.50	0.82	0.09	0.11	69%	35%
	Charles University in Prague	104	109	1.05	1.30	0.22	0.17	67%	16%
	Czech National Bank	94	99	1.05	1.87	0.17	0.09	59%	28%
	Academy of Sciences (global)	78	52	0.67	0.43	0.12	0.29	63%	29%
	CERGE-Economics Institute ASCR	39	19	0.49	0.60	0.07	0.12	67%	21%
	Masaryk University	34	10	0.29	0.35	0.08	0.23	79%	41%
	KOMERCNI BANKA AS	24	22	0.92	1.54	0.13	0.09	63%	29%
	VSB-Technical University of Ostrava	20	9	0.45	0.86	0.08	0.09	65%	18%
	Institute of Sociology ASCR	19	23	1.21	0.57	0.36	0.64	47%	36%
	Institute of International Relations	14	15	1.07	0.98	0.57	0.58	57%	25%
	ASCR unresolved	13	8	0.62	0.18	0.10	0.57	69%	11%
	CTR ECON & POLIT	12	6	0.50	0.88	0.13	0.15	50%	45%
	MINIST FINANCE	12	5	0.42	0.62	0.08	0.14	67%	44%
	Institute of Agricultural Economics and Informations Praha	9	2	0.22	0.41	0.03	0.08	78%	67%
	CZECH BUR STAT	7	3	0.43	0.33	0.07	0.20	57%	25%
	OPEN MEDIA RES INST	7	6	0.86	0.38	0.15	0.40	43%	0%
	NEWTON HOLDING AS	7	2	0.29	0.38	0.05	0.12	71%	67%
	Mendel University in Brno	6	0	0.00	0.00	0.00	0.10	100%	
	CESKOSLOVENSKA OBCHODNI BANKA AS	5	1	0.20	0.28	0.03	0.10	80%	50%
	Palacky University Olomouc	5	14	2.80	0.84	0.79	0.95	20%	0%
PSYCHOLOGY	Charles University in Prague	282	675	2.39	0.88	0.27	0.31	58%	32%
	Academy of Sciences (global)	274	1087	3.97	1.06	0.40	0.38	47%	24%
	Institute of Psychology ASCR	210	559	2.66	1.75	0.29	0.16	53%	27%
	Masaryk University	110	160	1.45	0.99	0.22	0.22	57%	21%
	Prague Psychiatric Centre	66	107	1.62	0.77	0.17	0.21	64%	42%
	University of South Bohemia in Ceske Budejovice	34	65	1.91	0.71	0.24	0.35	62%	36%
	Institute of Physiology ASCR	32	291	9.09	0.69	0.64	0.93	16%	23%
	Palacky University Olomouc	30	19	0.63	0.77	0.10	0.13	77%	27%
	National Institute of Public Health and regional hygienic stations	25	85	3.40	1.05	0.42	0.40	40%	36%
	General University Hospital Prague	19	3	0.16	0.13	0.02	0.15	84%	82%

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Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
PSYCHOLOGY	ASCR unresolved	15	193	12.87	1.22	1.14	0.93	33%	18%
	University Hospital Motol	13	4	0.31	0.38	0.03	0.09	85%	69%
	Na Homolce Hospital	10	195	19.50	3.55	2.03	0.57	60%	16%
	Institute for the Care of Mother and Child	10	26	2.60	0.46	0.17	0.36	60%	19%
	Czech University of Life Sciences Prague	9	17	1.89	0.26	0.16	0.61	33%	32%
	University Hospital Kralovske Vinohrady	7	4	0.57	0.59	0.06	0.10	71%	20%
	Institute of Animal Science	7	15	2.14	0.31	0.31	0.98	43%	40%
	University of Hradec Kralove	6	21	3.50	2.15	0.69	0.32	50%	25%
	Institute for Postgraduate Medical Education	5	1	0.20	0.18	0.02	0.09	80%	75%
	Faculty Hospital Na Bulovce	5	17	3.40	1.02	0.40	0.39	40%	6%
	St. Anne's University Hospital Brno	5	0	0.00	0.00	0.00	0.23	100%	100%
	Czech Technical University in Prague	5	1	0.20	0.28	0.09	0.31	80%	0%
SOCIAL AND BEHAVIORAL SCIENCES, INTERDISCIPLINARY	Charles University in Prague	47	115	2.45	0.50	0.43	0.86	26%	15%
	Academy of Sciences (global)	16	88	5.50	0.86	0.89	1.03	19%	21%
	Masaryk University	10	36	3.60	0.56	0.97	1.72	40%	16%
	CERGE-Economics Institute ASCR	7	74	10.57	0.87	1.29	1.50	0%	22%
SOCIOLOGY AND ANTHROPOLOGY	Academy of Sciences (global)	228	322	1.41	0.95	0.29	0.31	49%	31%
	Charles University in Prague	181	243	1.34	0.72	0.23	0.32	62%	19%
	Institute of Sociology ASCR	176	179	1.02	1.08	0.21	0.19	49%	37%
	Masaryk University	101	105	1.04	0.80	0.19	0.24	50%	25%
	University of West Bohemia in Plzen	23	32	1.39	0.71	0.64	0.90	61%	24%
	Palacky University Olomouc	22	7	0.32	0.29	0.07	0.23	77%	22%
	Institute of Archaeology ASCR	22	83	3.77	0.82	0.91	1.10	45%	19%
	Czech University of Life Sciences Prague	13	29	2.23	0.28	0.30	1.06	23%	34%
	National Museum	11	35	3.18	1.36	0.73	0.54	55%	10%
	University of Ostrava	10	2	0.20	0.39	0.04	0.10	90%	33%
	ASCR unresolved	7	13	1.86	0.71	0.23	0.33	14%	41%
	Institute of Philosophy ASCR	7	1	0.14	0.24	0.03	0.14	86%	50%
	Institute of Ethnology ASCR	6	2	0.33	1.22	0.28	0.23	83%	0%
	Institute of Vertebrate Biology ASCR	6	28	4.67	0.78	1.01	1.30	0%	20%
	Institute of Criminalistics Praha	6	3	0.50	0.71	0.06	0.09	67%	0%

International Audit of Research, Development & Innovation in the CR
 Final Report - 8: Bibliometric Analysis - Appendixes

Field	Institute	P	C-sc	CPP	CPP/ JCSm	CPP/ FCSm	JCSm/ FCSm	%nc	%sc
SOCIOLOGY AND ANTHROPOLOGY	Moravian Museum	6	14	2.33	0.39	0.27	0.70	50%	44%
	University of Economics Prague	5	6	1.20	0.53	0.32	0.61	60%	0%
	National Institute of Public Health and regional hygienic stations	5	8	1.60	0.35	0.26	0.74	20%	27%

In Brighton, 30/09/2011



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RESEARCH

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