

# Analysis of the Emerging Source Citation Index (coverage and impact) in social science and humanities (2005-2018)

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Inasmuch as the study aimed to explore the impact of ESCI inclusion on each subject category, major fields of knowledge had to be defined. The Glänzel and Schubert (2003) classification comprising 15 broad areas called fields (12 in experimental science/medicine/engineering and 3 in social science and humanities) and their respective sub-fields, was used as a basis.

As the present study focused specifically on social science and humanities (SS&H), for greater precision the Glänzel and Schubert fields and sub-fields were re-classified. The changes, based on the particularities of each discipline, translated into the creation of two major fields (Social Science and Humanities) and nine sub-fields (Table 1). For the sake of greater analytical practicality, those nine sub-fields were positioned on the same category level as the 12 experimental and medical science fields initially proposed by Glänzel and Schubert. They are consequently referred to hereafter as 'fields'.

*Table 1. Field classification used for the Humanities and Social Science in this study.*

Area of Knowledge	Field
<b>Humanities</b>	Arts
	Ethics, Philosophy & Religion
	Humanities (General)
	Language & Literature
<b>Social Science</b>	Economics, Business & Management
	Education & Information
	General, Regional & Community Issues
	Law
	Sociology & Politics

ESCI listed journals were assigned to fields based on the WoS categories under which they are included in the Web of Science database. To ensure due allocation, the definitions used for the WoS categories were as set out in the following Clarivate Analytics documents: Science Citation Index Expanded - Scope Notes (SCIE); Social Science Citation Index - Scope Notes (SSCI); Arts & Humanities Citation Index - Scope Notes (AHCI).

Where attribution was not wholly clear, the Web of Science was consulted to identify the WoS categories with which the publications in the field analysed overlapped.

All the WoS categories included in each field are given in **Table I**.

**TABLE I: Disciplines studied by field and WoS category (Based in**

<b>Field</b>	<b>WoS category</b>
Education & Information	Communication
	Education & Educational Research
	Education, Scientific Disciplines
	Education, Special
	Film, Radio, Television
	Information Science & Library Science
Agriculture & Environment	Agricultural Economics & Policy
	Agricultural Engineering
	Agriculture
	Agriculture, Dairy & Animal Science
	Agriculture, Multidisciplinary
	Agriculture, Soil Science
	Agronomy
	Engineering, Environmental
	Environmental Sciences
	Fisheries
	Food Science & Technology
	Forestry
	Green & Sustainable Science & Technology
	Horticulture
	Soil Science
Water Resources	
Arts	Art
	Classics
	Dance
	Folklore
	Theatre
Biology (Organismic & Supraorganismic Level)	Biodiversity Conservation
	Biotechnology & Applied Microbiology
	Ecology
	Entomology
	Limnology
	Marine & Freshwater Biology
	Microbiology
	Mycology
	Ornithology
	Parasitology
	Plant Sciences
	Veterinary Sciences
Virology	
Zoology	
Biomedical Research	Anatomy Morphology
	Cell & Tissue Engineering
	Engineering, Biomedical
	Materials Science, Biomaterial
	Mathematical & Computational Biology
	Medical Laboratory Technology
	Medicine, Research & Experimental
	Pathology
	Pharmacology & Pharmacy
	Physiology
Toxicology	
Biosciences (General, Cellular&Subcellular Biology; Genetics)	Biochemical Research Methods
	Biochemistry & Molecular Biology
	Biology

	Biology, Miscellaneous
	Biophysics
	Cell Biology
	Developmental Biology
	Evolutionary Biology
	Genetics & Heredity
	Reproductive Biology
	Chemistry
	Chemistry, Analytical
	Chemistry, Applied
	Chemistry, Inorganic & Nuclear
	Chemistry, Medicinal
	Chemistry, Multidisciplinary
	Chemistry, Organic
	Chemistry, Physical
	Electrochemistry
	Engineering, Chemical
	Materials Science
	Materials Science, Ceramics
	Materials Science, Characterization & Testing
	Materials Science, Coatings & Films
	Materials Science, Composites
	Materials Science Multidisciplinary
	Materials Science, Paper & Wood
	Materials Science, Textiles
	Metallurgy & Metallurgical Engineering
	Metallurgy & Mining
	Polymer Science
	Spectroscopy
	Thermodynamics
Chemistry	
	Allergy
	Cardiac & Cardiovascular Systems
	Endocrinology & Metabolism
	Gastroenterology & Hepatology
	Haematology
	Immunology
	Integrative & Complementary Medicine
	Medicine, General & Internal
	Oncology
	Peripheral Vascular Disease
	Respiratory System
Clinical And Experimental Medicine I (General & Internal Medicine)	
	Andrology
	Anesthesiology
	Audiology & Speech-Language Pathology
	Clinical Neurology
	Critical Care Medicine
	Dentistry, Oral Surgery & Medicine
	Dermatology
	Dermatology & Venereal Diseases
	Emergency Medicine
	Emergency Medicine & Critical Care
	Geriatrics & Gerontology
	Gerontology
	Health Care Sciences & Services
	Health Policy & Services
	Infectious Diseases
	Medicine, Legal
	Nursing
	Nutrition Dietetics
Clinical And Experimental Medicine II (Non-Internal Medicine Specialties)	

	Obstetrics & Gynecology
	Ophthalmology
	Orthopedics
	Otorhinolaryngology
	Paediatrics
	Primary Health Care
	Psychiatry
	Public, Environmental & Occupational Health
	Radiology, Nuclear Medicine & Medical Imaging
	Rehabilitation
	Rheumatology
	Sport Sciences
	Surgery
	Transplantation
	Tropical Medicine
	Urology & Nephrology
Economics, Business & Management	Business
	Business, Finance
	Development Studies
	Economics
	Management
	Operations Research & Management Science
	Industrial Relations Labour
Engineering	Architecture
	Automation & Control Systems
	Computer Applications & Cybernetics
	Computer Science, Artificial Intelligence
	Computer Science, Cybernetics
	Computer Science, Hardware & Architecture
	Computer Science, Information Systems
	Computer Science, Interdisciplinary Applications
	Computer Science, Software Engineering
	Computer Science, Software, Graphics, Programming
	Computer Science, Theory & Methods
	Construction & Building Technology
	Energy & Fuels
	Engineering, Electrical & Electronic
	Engineering
	Engineering Mechanical
	Engineering, Civil
	Engineering, Industrial
	Engineering, Manufacturing
	Engineering, Multidisciplinary
	Ergonomics
	Medical Informatics
	Nuclear Science & Technology
	Photographic Technology
	Remote Sensing
	Robotics
	Robotics & Automatic Control
	Telecommunications
	Transportation
	Transportation Science & Technology
Engineering Electrical Electronic	
Ethics, philosophy & religion	Ethics
	Medical Ethics
	Philosophy
	Religion
	Demography

General, Regional & Community Issues	Environmental Studies
	Family Studies
	Geography
	Geography, Physical
	Hospitality, Leisure, Sport & Tourism
	Planning & Development
	Regional Urban Planning
	Transportation
	Urban Studies
	Women's Studies
	Geosciences & Space Sciences
Astronomy & Astrophysics	
Engineering, Aerospace	
Engineering, Geological	
Engineering, Marine	
Engineering, Ocean	
Engineering, Petroleum	
Geochemistry & Geophysics	
Geography	
Geography, Physical	
Geology	
Geosciences, Multidisciplinary	
Meteorology & Atmospheric Sciences	
Mineralogy	
Mining & Mineral Processing	
Oceanography	
Palaeontology	
Humanities (general)	Anthropology
	Archaeology
	Area Studies
	Asian Studies
	Cultural Studies
	Ethnic Studies
	History
	History & Philosophy Of Science
	History Of Social Science
	Humanities, Multidisciplinary
	Medieval & Renaissance Studies
	Palaeontology
	Language & Literature
Linguistics	
Literary Reviews	
Literary Theory & Criticism	
Literature	
Literature, African, Australian, Canadian	
Literature, American	
Literature, British Isles	
Literature, German, Dutch, Scandinavian	
Literature, Romance	
Literature, Slavic	
Poetry	
Law	Criminology & Penology
	Law
Mathematics	Logic
	Mathematics
	Mathematics, Applied
	Mathematics, Interdisciplinary Applications
	Mathematics, Miscellaneous
	Operations Research & Management Science

	Social Science, Mathematical Methods
	Statistics & Probability
Multidisciplinary	Multidisciplinary Sciences
	Nanoscience & Nanotechnology
	Behavioural Sciences
	Behavioural Sciences
	Neuroimaging
	Neurosciences
	Psychology
	Psychology, Applied
	Psychology, Developmental
	Psychology, Educational
	Psychology, Experimental
	Psychology, Mathematical
	Psychology, Multidisciplinary
	Psychology, Psychoanalysis
	Psychology, Social
	Psychology
	Psychology, Applied
	Psychology, Biological
	Psychology, Biological
	Psychology, Clinical
	Psychology, Clinical
	Psychology, Developmental
	Psychology, Educational
	Psychology, Experimental
	Psychology, Mathematical
	Psychology, Multidisciplinary
	Psychology, Psychoanalysis
	Psychology, Social
Neuroscience & Behaviour	Substance Abuse
	Acoustics
	Crystallography
	Imaging Science & Photographic Technology
	Instruments & Instrumentation
	Mechanics
	Microscopy
	Optics
	Physics
	Physics, Applied
	Physics, Atomic, Molecular & Chemical
	Physics, Condensed Matter
	Physics, Fluids & Plasmas
	Physics, Mathematical
	Physics, Multidisciplinary
	Physics, Nuclear
	Physics, Particles & Fields
Physics	Quantum Science Technology
	Industrial Relations Labour
	International Relations
	Political Science
	Public Administration
	Social Issues
	Social Science Biomedical
	Social Science, Interdisciplinary
	Social Science, Mathematical Methods
	Social Work
Sociology & Politics	Sociology

The data by field and year are given in Table 2.

**Table 2.** Overview of the citation analysis by field performed for citable items by years (Web of Science 2005-2012).

**Arts indicators by year**

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	981	58.00	26.01	0.67	0.33	0	0.00	13	2.28	82.07
2006	1115	61.97	32.27	1.08	0.51	1	0.14	24	3.47	77.28
2007	1389	61.77	32.75	1.12	0.59	3	0.35	48	5.59	76.14
2008	1456	65.18	30.24	1.12	0.55	1	0.11	47	4.95	77.85
2009	1600	66.75	31.65	0.89	0.51	0	0.00	40	3.75	76.7
2010	1787	67.60	31.37	0.87	0.56	2	0.17	55	4.55	76.43
2011	2002	65.58	27.57	0.7	0.5	2	0.15	51	3.88	78.87
2012	2221	66.68	27.62	0.69	0.59	2	0.14	73	4.93	78.36
TOTAL	12 551	64.83	29.83	0.87	0.52	11	0.14	351	4.31	77.81

**Economics, Business & Management indicators by year**

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	8730	79.39	74.07	10.45	0.33	2	0.03	121	1.75	66.7
2006	9780	79.59	72.65	9.24	0.34	8	0.10	141	1.81	65.86
2007	10 670	78.96	70.81	8.20	0.34	3	0.04	130	1.54	66.42
2008	11 497	79.46	70.05	7.91	0.38	5	0.05	221	2.42	65.67
2009	12 598	81.58	69.56	6.84	0.38	13	0.13	200	1.95	65.69
2010	14 322	83.95	66.28	6.10	0.35	8	0.07	216	1.8	67.39
2011	15 277	85.36	66.31	5.50	0.41	9	0.07	295	2.26	65.6
2012	16343	86.25	63.94	4.46	0.37	8	0.06	264	1.87	68.29
TOTAL	99 217	82.36	68.45	6.9	0.37	57	0.07	1588	1.94	66.55

**Ethics, Philosophy & Religion indicators by year**

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	12 158	70.13	65.96	6.73	0.44	9	0.11	278	3.26	64.81
2006	13 074	70.96	65.22	6.91	0.46	13	0.14	309	3.33	65.33
2007	14 405	72.25	63.97	6.02	0.47	12	0.12	330	3.17	65.44
2008	15 148	73.19	64.03	5.56	0.47	12	0.11	329	2.97	65.62
2009	16 604	73.77	60.97	5.15	0.48	26	0.21	370	3.02	65.86
2010	17 577	74.69	61.73	4.68	0.47	18	0.14	387	2.95	66.4

2011	18 827	75.57	60.27	3.98	0.5	18	0.13	457	3.21	66.36
2012	20 372	77.63	57.83	3.35	0.51	30	0.19	525	3.32	67.09
TOTAL	128 165	73.90	62.00	5.07	0.48	140	0.15	2985	3.15	65.99

#### General, Regional & Community Issues indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	4183	71.65	52.35	4.61	0.2	1	0.03	22	0.73	78.3
2006	4633	72.80	53.57	4.46	0.22	1	0.03	29	0.86	77.08
2007	5452	75.59	51.3	4.67	0.25	2	0.05	36	0.87	77.35
2008	6022	75.22	56.56	5.14	0.29	6	0.13	64	1.41	74.79
2009	8138	79.53	58.96	4.61	0.32	7	0.11	110	1.7	73.2
2010	7779	78.97	61.84	4.8	0.32	2	0.03	122	1.99	72.11
2011	9028	79.98	55.6	4.03	0.32	7	0.1	109	1.51	73.23
2012	8772	80.06	61.28	3.93	0.34	6	0.09	108	1.54	72.12
TOTAL	54 007	77.55	57.27	4.47	0.3	32	0.08	600	1.43	74.12

#### Humanities (general) indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	10 414	49.14	44.95	2.24	0.53	13	0.25	230	4.49	72.45
2006	11 339	50.89	43.83	2.02	0.54	21	0.36	276	4.78	72.58
2007	12 217	52.38	41.19	1.74	0.54	22	0.34	287	4.49	73.55
2008	13 288	54.13	40.12	1.68	0.54	28	0.39	316	4.39	74.19
2009	14 775	55.21	39.02	1.53	0.52	19	0.23	386	4.73	74.8
2010	15 487	56.20	39.81	1.44	0.51	20	0.23	334	3.84	74.65
2011	17 041	56.19	38.45	1.31	0.52	24	0.25	387	4.04	75.02
2012	18 428	58.54	36.35	1.22	0.56	38	0.35	517	4.79	75.93
TOTAL	112 989	54.61	39.87	1.57	0.53	184	0.3	2732	4.43	74.41

#### Language & Literature indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	4242	62.99	31.59	1.74	0.3	5	0.19	49	1.83	80.35
2006	4843	64.59	32.58	1.92	0.39	7	0.22	106	3.39	78.57
2007	5199	64.03	33.55	2.22	0.48	10	0.3	124	3.72	78.22
2008	5754	66.15	32.29	1.74	0.42	6	0.16	142	3.73	79.29
2009	6411	67.63	32.29	1.77	0.47	15	0.35	159	3.67	79.22
2010	7047	68.78	30.99	1.52	0.41	12	0.25	158	3.26	80.6
2011	7711	68.24	31.95	1.31	0.42	13	0.25	172	3.27	80.05



2012	8878	65.79	30.08	1.1	0.42	14	0.24	180	3.08	80.81
TOTAL	50 085	66.33	31.76	1.59	0.41	83	0.25	1090	3.28	79.77

### Law indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	4734	81.26	46.89	2.66	0.38	5	0.1	121	2.65	73.37
2006	5336	85.68	42.26	2.23	0.36	3	0.07	143	2.93	75.41
2007	5825	83.90	44.89	2.44	0.44	4	0.08	162	3.25	73.36
2008	5993	83.03	46.38	2.59	0.52	11	0.24	162	3.64	72.08
2009	6243	71.36	54.66	2.97	0.57	6	0.13	193	3.91	66.15
2010	6883	71.79	52.92	2.6	0.49	7	0.12	172	3.1	68.25
2011	7547	73.54	50.49	2.35	0.52	6	0.11	213	3.64	68.36
2012	7773	75.17	49.05	2.04	0.53	59	0.15	1352	3.46	69.19
TOTAL	50 334	77.62	48.52	2.46	0.48	101	0.13	2518	3.35	70.64

### Sociology & Politics indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	5942	64,89	59.88	5.49	0.32	4	0.1	77	2	69.56
2006	6495	64,67	61.1	5.25	0.36	4	0.1	82	1.95	68.38
2007	7056	65,99	59.19	4.67	0.37	9	0.19	110	2.36	68.72
2008	8384	66,69	60.08	5.03	0.44	11	0.2	194	3.47	67.41
2009	9068	68,82	57.91	4.45	0.46	11	0.18	187	3	67.16
2010	9882	68,88	57.31	4.17	0.44	15	0.22	224	3.29	67.85
2011	10 582	69,46	56.91	3.36	0.43	16	0.22	214	2.91	68.19
2012	11 621	70,60	53.63	2.88	0.42	15	0.18	207	2.52	70.11
TOTAL	69 030	67,95	57.75	4.21	0.41	85	0.18	1295	2.76	68.43

### Engineering indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	7312	88.25	55.21	3.94	0.26	6	0.09	106	1.64	79.08
2006	8954	90.57	55.41	3.82	0.24	7	0.09	127	1.57	79.21
2007	10 929	90.65	55.41	3.71	0.21	4	0.04	101	1.02	81.41
2008	13 148	87.73	56.22	3.77	0.26	12	0.1	144	1.25	80.25
2009	15 745	89.86	57.85	3.71	0.25	18	0.13	153	1.08	79.14
2010	16 280	90.14	59.01	3.66	0.24	10	0.07	180	1.23	78.86

2011	18625	92.25	59.02	3.47	0.24	5	0.03	201	1.17	78.7
2012	20 869	92.06	59.65	3.46	0.27	21	0.11	246	1.28	78.56
TOTAL	111 862	90.49	57.77	3.65	0.25	84	0.08	1259	1.24	79.27

### Mathematics indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	2908	86.59	57.7	4.25	0.29	4	0.16	42	1.67	77.79
2006	3287	90.30	57.58	3.31	0.25	1	0.03	40	1.35	77.9
2007	3861	90.29	57.06	3.02	0.25	4	0.11	35	1	78.37
2008	4841	90.81	57.53	2.94	0.28	3	0.07	61	1.39	76.63
2009	5254	93.72	58.77	3.77	0.34	9	0.18	95	1.93	75.73
2010	5941	93.87	56.52	3.44	0.33	13	0.23	90	1.61	76.74
2011	6446	94.77	55.87	2.5	0.29	4	0.07	97	1.59	77.47
2012	6918	95.37	55.38	2.33	0.33	10	0.15	100	1.52	76.82
TOTAL	39 456	92.70	56.85	3.07	0.3	48	0.13	560	1.53	77.05

### Medicine I (General and Internal Medicine) indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	6664	70.93	48.47	3.41	0.08	0	0	8	0.17	89.65
2006	7343	71.33	48.82	3.53	0.09	0	0	11	0.21	89.56
2007	8069	71.81	50.35	3.44	0.09	1	0.02	16	0.28	88.44
2008	9176	73.34	52.99	3.96	0.12	2	0.03	14	0.21	86.75
2009	10 451	75.36	57.15	3.92	0.12	2	0.03	22	0.28	85.38
2010	13 653	76.93	60.88	4.47	0.15	3	0.03	53	0.5	83.21
2011	16 775	78.93	62.51	4.7	0.18	3	0.02	71	0.54	81.97
2012	21 064	79.98	63.96	4.99	0.21	8	0.05	133	0.79	81.11
TOTAL	93 195	76.14	58.18	4.3	0.15	20	0.03	329	0.46	84.38

### Medicine II (Non-Internal Medicine Specialities) indicators by year

Year	No. docs (total)	% citable items	% docs cited	Citation Impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	N° top 10% docs	% top 10% docs	Average percentile
2005	12 693	73.62	63.02	5.22	0.18	6	0.06	54	0.58	84.24
2006	15 073	72.32	63.18	5.05	0.18	7	0.06	73	0.67	84.25
2007	16 525	74.26	62.5	4.93	0.19	9	0.07	85	0.69	83.75
2008	19 324	73.43	64.97	4.97	0.21	6	0.04	105	0.74	82.02
2009	21 678	75.15	66.72	4.89	0.22	7	0.04	127	0.78	80.68

2010	25 920	77.16	67.41	4.86	0.24	10	0.05	164	0.82	79.2
2011	29 597	78.45	69.49	4.73	0.27	9	0.04	221	0.95	77.98
2012	35 082	79.50	69.9	4.74	0.3	25	0.09	321	1.15	77.41
TOTAL	175 892	76.24	66.85	4.87	0.24	77	0.06	1149	0.86	80.27

The annual values for the Humanities and Social Science sub-fields is given in Table 3 with the same information on the comparison fields, Engineering, Mathematics and Medicine I and II (Table 3).

**Table 3.** Indicators by field and sub-field

Indicators in Humanities fields by WoS category (2005-2012)

Field	Wos category/Sub-field	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No docs in top 1%	% docs in top 1%	No. docs in top 1%	% docs in top 10%	Average percentile
ARTS	Art	4011	69.48	33.49	0.79	0.59	4	0.14	152	5.45	74.54
	Theatre	3263	68.19	27.08	0.34	0.33	1	0.04	44	1.98	86.46
	Music	2661	64.56	<b>65.72</b>	<b>2.08</b>	<b>0.86</b>	<b>6</b>	<b>0.35</b>	<b>136</b>	<b>7.92</b>	<b>67.62</b>
	Classics	2529	52.75	57.64	0.61	0.38	0	0.00	16	1.20	80.95
	Dance*	53	<b>83.02</b>	30.55	0.38	0.82	0	0.00	3	6.82	74.66
	Folklore*	96	30.21	10.34	0.03	0.03	0	0.00	0	0.00	98.03
ETHICS & RELIGION	Ethics	1672	<b>83.91</b>	<b>61.23</b>	<b>3.31</b>	0.31	1	0.07	15	1.07	37.59
	Medical Ethics	475	69.89	40.96	1.14	0.18	0	0.00	1	0.30	47.06
	Philosophy	20 849	66.28	28.49	1.11	0.36	29	0.21	369	2.67	40.86
	Religion	39 140	46.18	44.98	1.54	<b>0.82</b>	<b>63</b>	<b>0.35</b>	<b>1401</b>	<b>7.75</b>	<b>34.43</b>
HUMANITIES (general)	Anthropology	9545	55.18	63.30	3.64	0.29	3	0.06	48	0.91	72.92
	Archaeology	5399	69.98	48.42	1.76	0.21	0	0.00	11	0.30	77.45
	Area Studies	19 407	54.33	47.83	2.32	0.49	14	0.13	341	3.23	71.36
	Asian Studies	2466	55.92	54.24	2.10	0.93	16	<b>1.16</b>	84	6.09	64.43
	Cultural Studies	295	65.08	<b>81.77</b>	<b>6.24</b>	<b>1.05</b>	1	0.52	23	<b>11.98</b>	<b>45.67</b>
	Ethnic Studies	1471	28.76	69.98	3.99	0.61	0	0.00	9	2.13	54.33
	History	35 804	49.43	36.51	1.30	0.72	<b>75</b>	0.42	<b>1101</b>	6.22	72.62
	History & Philosophy of Science	2931	55.89	57.26	4.15	0.67	9	0.55	81	4.95	65.12
	History of Social Science	1086	51.75	74.73	4.05	0.71	2	0.36	34	6.05	61.05
	Humanities, Multidisciplinary	36 457	55.25	31.08	1.07	0.60	69	0.34	1020	5.06	76.27

Field	Wos category/Sub-field	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No docs in top 1%	% docs in top 1%	No. docs in top 1%	% docs in top 10%	Average percentile
	Medieval & Renaissance Studies	2930	<b>72.59</b>	31.92	0.75	0.54	1	0.05	83	3.90	78.18
LANGUAGE	Language & Linguistics	19 527	71.40	35.59	2.16	0.46	<b>47</b>	0.34	<b>509</b>	3.65	76.85
	Linguistics	7944	69.32	<b>54.53</b>	<b>5.02</b>	0.42	16	0.29	150	2.72	71.81
	Literary Reviews	1859	22.38	5.05	0.12	0.35	2	<b>0.48</b>	8	1.92	95.29
	Literary Theory & Criticism	3405	64.17	25.63	0.64	0.84	9	0.41	162	7.41	78.31
	Literature	11 955	68.99	23.10	0.53	0.34	6	0.07	203	2.46	83.53
	Literature, African, Australian, Canadian	731	36.25	21.89	0.28	0.24	0	0.00	0	0.00	87.44
	Literature, American	539	<b>79.78</b>	38.14	0.85	0.72	0	0.00	26	6.05	72.08
	Literature, British Isles*	31	41.94	23.08	0.32	0.48	0	0.00	0	0.00	82.02
	Literature, German, Dutch, Scandinavian	1233	30.25	25.47	0.48	0.67	0	0.00	20	5.36	79.93
	Literature, Romance	4156	66.99	16.24	0.30	0.54	11	0.40	87	3.12	87.04
Poetry	175	44.57	46.15	0.74	<b>1.50</b>	0	0.00	10	<b>12.82</b>	<b>63.59</b>	

Note: The WoS categories with no output across the entire period, in other words, that have been recently included, bear an '\*'. The indicators with highest values in each field are typeset in bold.

Indicators in Social Science fields by WoS category (2005-2012)

Field	Wos category/Sub-field	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No docs in top 1%	% docs in top 1%	No. docs in top 1%	% docs in top 10%	Average percentile
ECONOMICS	Business	22 572	<b>85.18</b>	81.50	<b>11.85</b>	<b>0.52</b>	<b>11</b>	0.06	<b>545</b>	<b>2.83</b>	<b>57.38</b>
	Business, Finance	17 748	76.56	76.56	7.19	0.45	7	0.05	352	2.38	58.81
	Development Studies	2397	83.54	<b>83.54</b>	7.07	0.34	1	0.06	29	1.68	73.61
	Economics	<b>28 977</b>	54.60	54.60	3.94	0.23	7	0.03	243	1.03	75.45
	Industrial Relations & Labour	4649	64.90	64.90	5.68	0.45	4	0.14	65	2.30	66.11
	Management	25 340	77.06	77.06	10.44	0.41	5	0.02	408	1.90	64.17
	Operations Res. & Manag. Science	1213	68.48	68.48	5.53	0.28	6	<b>0.54</b>	17	1.52	79.32
EDUCATION & INFORMATION	Communication	18 220	70.13	57.08	4.65	0.40	15	0.12	303	2.37	70.63
	Education & Educ. Research	<b>81 064</b>	<b>76.79</b>	62.84	5.80	0.54	<b>106</b>	0.17	<b>2285</b>	3.67	63.76
	Education, Scientific Disciplines	4461	73.88	58.95	3.07	0.23	1	0.03	19	0.58	78.52
	Education, Special	4627	70.82	<b>87.70</b>	<b>8.71</b>	0.50	9	<b>0.27</b>	66	2.01	<b>61.31</b>
	Film, Radio, Television	4195	58.59	51.63	1.60	<b>0.80</b>	4	0.16	180	<b>7.32</b>	61.31
	Information Science & Library Science	15 987	68.58	63.25	4.02	0.28	2	0.02	111	1.01	68.95
	Demography	2970	67.91	69.33	3.81	0.29	1	0.05	6	0.30	72.31
	Environmental Studies	5077	73.59	67.90	5.58	0.26	4	0.11	43	1.15	76.51
	Family Studies	3758	72.54	84.01	7.38	0.38	1	0.04	29	1.06	71.11

Field	Wos category/Sub-field	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No docs in top 1%	% docs in top 1%	No. docs in top 1%	% docs in top 10%	Average percentile
GENERAL REGIONAL & COMMUNITY ISSUES	Geography	12 271	77.23	62.73	3.92	0.22	7	0.07	102	1.08	79.47
	Geography, Physical	1411	93.76	52.61	2.35	0.09	0	0.00	1	0.08	91.89
	Hospitality, Leisure, Sport & Tourism	<b>14 773</b>	83.08	63.30	4.41	0.35	6	0.05	209	1.70	72.07
	Regional & Urban Planning	896	40.07	<b>96.10</b>	<b>12.87</b>	<b>0.94</b>	1	<b>0.28</b>	20	<b>5.57</b>	<b>40.58</b>
	Transportation	1388	79.03	79.33	3.65	0.23	0	0.00	7	0.64	80.51
	Transportation Sci. & Technology*	4155	<b>99.54</b>	64.02	3.27	0.31	2	0.05	55	1.33	78.65
	Urban Studies	4735	62.79	89.85	5.16	0.35	1	0.03	45	1.51	72.63
	Women's Studies	3306	59.77	<b>96.75</b>	4.10	0.44	5	0.25	59	2.99	68.72
LAW	Criminology & Penology	6821	77.26	<b>63.42</b>	<b>4.84</b>	<b>0.49</b>	9	<b>0.13</b>	121	2.33	68.10
	Law	43 647	<b>77.72</b>	46.30	2.13	0.48	<b>55</b>	<b>0.13</b>	<b>1187</b>	<b>3.50</b>	71.16
SOCIOLOGY & POLITICS	International Relations	3424	42.11	76.56	4.39	0.64	1	0.07	46	3.19	<b>51.98</b>
	Political Science	<b>25 079</b>	60.07	59.37	3.94	0.48	13	0.09	<b>447</b>	2.97	62.67
	Social Issues	2467	77.87	57.78	6.41	0.61	7	0.36	86	<b>4.48</b>	65.41
	Social Science, Biomedical	149	82.55	<b>89.43</b>	<b>21.30</b>	<b>0.78</b>	1	<b>0.81</b>	3	2.44	67.71
	Social Science, Interdisciplinary	19 899	76.77	47.67	3.91	0.34	<b>32</b>	0.21	299	1.96	74.99
	Social Sci., Mathem. Methods	978	<b>84.66</b>	55.80	10.74	0.27	1	0.12	10	1.21	76.21
	Social Work	9213	74.71	75.43	6.07	0.46	8	0.12	130	1.89	66.88
	Sociology	12 302	62.72	62.14	4.80	0.37	10	0.13	147	1.91	68.72

Note: The indicators with highest values in each field are typeset in bold.

Indicators in Engineering fields by WoS category (2005-2012)

WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
ARCHITECTURE	3794	72.96	27.20	1.15	<b>1.04</b>	<b>0.69</b>	19	<b>7.51</b>	208	76.96
AUTOMATION & CONTROL SYSTEMS	3757	65.24	59.00	3.24	0.13	0.00	0	0.20	5	81.64
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	3967	89.92	67.79	6.04	0.27	0.20	7	1.26	45	75.17
COMPUTER SCIENCE, CYBERNETICS	1676	95.29	60.61	3.42	0.21	0.06	1	0.81	13	77.97
COMPUTER SCIENCE, HARDWARE & ARCHITECTURE	1379	90.94	38.44	3.06	0.22	0.24	3	1.36	17	84.74
COMPUTER SCIENCE, INFORMATION SYSTEMS	11 535	95.88	62.08	5.52	0.34	0.19	21	2.60	288	72.63
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	5898	91.88	56.12	4.80	0.17	0.07	4	0.96	52	82.78
COMPUTER SCIENCE, SOFTWARE ENGINEERING	2640	89.96	65.98	5.99	0.39	0.17	4	2.91	69	73.32
COMPUTER SCIENCE, THEORY & METHODS	7003	88.56	69.64	4.21	0.35	0.11	7	1.82	113	67.55
CONSTRUCTION & BUILDING TECHNOLOGY	2610	79.62	60.78	3.71	0.19	0.00	0	0.82	17	81.23
ENERGY & FUELS	2490	85.82	71.08	6.29	0.19	0.00	0	0.42	9	81.72
ENGINEERING, AEROSPACE	876	96.58	50.24	1.51	0.20	0.00	0	0.35	3	83.28
ENGINEERING, BIOMEDICAL*	755	94.57	80.67	5.97	0.19	0.00	0	0.28	2	80.23
ENGINEERING, CHEMICAL	4140	94.78	45.21	1.66	0.08	0.03	1	0.10	4	91.72
ENGINEERING, CIVIL	3470	87.87	65.10	4.45	0.23	0.00	0	0.89	27	78.44
ENGINEERING, ELECTRICAL & ELECTRONIC	9511	86.24	51.99	2.68	0.15	0.00	0	0.40	33	83.96
ENGINEERING, ENVIRONMENTAL	1638	92.55	58.38	3.46	0.07	0.00	0	0.07	1	90.30
ENGINEERING, GEOLOGICAL	6976	97.59	78.41	4.34	0.27	0.03	2	0.68	46	74.76
ENGINEERING, INDUSTRIAL	2222	92.53	79.13	9.32	0.41	0.24	5	2.29	47	71.75
ENGINEERING, MANUFACTURING	1824	92.21	84.19	<b>11.89</b>	0.62	0.54	9	4.46	75	<b>64.05</b>
ENGINEERING, MARINE	1610	92.48	41.64	1.48	0.24	0.00	0	0.81	12	74.98
ENGINEERING, MECHANICAL	6282	93.79	51.04	1.84	0.13	0.00	0	0.25	15	86.28



WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
ENGINEERING, MULTIDISCIPLINARY	11483	94.54	41.20	1.78	0.16	0.01	1	0.44	48	84.11
ENGINEERING, OCEAN	359	87.19	49.52	1.57	0.12	0.00	0	0.00	0	87.45
ENGINEERING, PETROLEUM	482	88.59	28.81	0.76	0.17	0.23	1	1.17	5	86.25
ERGONOMICS	858	62.47	<b>84.70</b>	9.16	0.41	0.00	0	2.24	12	71.62
MEDICAL INFORMATICS	734	91.55	65.77	2.66	0.15	0.00	0	0.30	2	86.63
NUCLEAR SCIENCE & TECHNOLOGY	390	97.69	53.54	2.08	0.19	0.00	0	0.52	2	83.68
REMOTE SENSING	1720	96.74	67.01	3.51	0.18	0.00	0	0.36	6	77.75
ROBOTICS	1720	96.74	67.01	3.51	0.18	0.00	0	0.36	6	77.75
TELECOMMUNICATIONS	1438	95.76	48.29	2.90	0.20	0.00	0	1.16	16	83.11
TRANSPORTATION	1388	79.03	63.08	3.75	0.23	0.00	0	0.64	7	80.37
TRANSPORTATION SCIENCE & TECHNOLOGY*	4155	<b>99.54</b>	64.31	3.33	0.31	0.05	2	1.31	54	78.58

Indicators in Mathematics fields by WoS category (2005-2012)

WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
LOGIC	217	94.93	<b>71.36</b>	4.88	<b>0.71</b>	2	<b>0.97</b>	11	<b>5.34</b>	<b>63.14</b>
MATHEMATICS	22 923	90.71	54.48	2.40	0.33	<b>25</b>	0.12	<b>355</b>	1.71	76.43
MATHEMATICS APPLIED	6548	<b>97.33</b>	62.53	3.41	0.30	3	0.05	78	1.22	75.49
MATHEMATICS INTERDISCIPLINARY APPLICATIONS	2571	93.54	66.86	5.35	0.35	5	0.21	40	1.66	78.20
OPERATIONS RESEARCH & MANAGEMENT SCIENCE	1213	92.33	69.11	5.61	0.28	6	0.54	17	1.52	79.25
SOCIAL SCIENCE, MATHEMATICAL METHODS	978	84.66	56.04	<b>10.86</b>	0.27	1	0.12	11	1.33	76.07
STATISTICS & PROBABILITY	5129	96.92	51.62	3.89	0.18	7	0.14	54	1.09	82.65

Indicators in Medicines fields by WoS category (2005-2012)

WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
ALLERGY	2337	34.19	64.96	5.43	<b>0.27</b>	3	<b>0.38</b>	7	<b>0.88</b>	84.49
CARDIAC & CARDIOVASCULAR SYSTEMS	15 423	73.72	60.93	4.06	0.15	3	0.03	44	0.39	84.03
ENDOCRINOLOGY & METABOLISM	7478	77.83	64.04	5.87	0.19	0	0.00	39	0.67	87.48
GASTROENTEROLOGY & HEPATOLOGY	7914	78.81	61.95	4.71	0.17	2	0.03	19	0.30	85.49
HEMATOLOGY	2188	74.41	54.85	3.33	0.10	0	0.00	0	0.00	91.73
IMMUNOLOGY	1356	<b>88.64</b>	<b>66.56</b>	5.10	0.16	3	0.25	6	0.50	90.70
INTEGRATIVE & COMPLEMENTARY MEDICINE	3126	52.02	59.23	3.40	0.19	1	0.06	8	0.49	86.73
MEDICINE, GENERAL & INTERNAL	13 799	56.57	48.46	2.54	0.10	0	0.00	30	0.38	<b>77.70</b>
ONCOLOGY	10 331	81.00	64.38	4.97	0.17	<b>4</b>	0.05	<b>57</b>	0.68	88.04
PERIPHERAL VASCULAR DISEASE	4533	83.81	65.91	<b>7.28</b>	0.17	0	0.00	15	0.39	84.07
RESPIRATORY SYSTEM	6576	83.59	59.43	3.47	0.14	2	0.04	31	0.56	87.45

Indicators in Medicine II fields by WoS category (2005-2012)

WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
ANDROLOGY	396	77.27	13.07	0.38	0.05	0	0.00	0	0.00	97.76
ANESTHESIOLOGY	7375	74.93	73.83	6.07	0.27	5	0.09	46	0.83	75.98
AUDIOLOGY & SPEECH-LANGUAGE PATHOLOGY*	258	<b>97.67</b>	67.86	2.94	0.19	1	0.40	1	0.40	88.78
CLINICAL NEUROLOGY	6248	79.51	60.89	3.63	0.14	0	0.00	13	0.26	88.05
CRITICAL CARE MEDICINE	1467	79.89	67.32	5.23	0.15	0	0.00	1	0.09	85.05
DENTISTRY, ORAL SURGERY & MEDICINE	9424	87.88	63.50	4.10	0.22	4	0.05	47	0.57	83.56
DERMATOLOGY	4699	71.59	73.01	5.51	0.32	0	0.00	41	1.22	77.35
EMERGENCY MEDICINE	4623	82.26	61.90	4.62	0.32	4	0.11	57	1.50	76.60
GERIATRICS & GERONTOLOGY	2203	79.44	68.40	5.93	0.22	1	0.06	12	0.69	83.03
GERONTOLOGY	3175	58.36	90.61	9.34	0.37	0	0.00	17	0.92	70.47
HEALTH CARE SCIENCES & SERVICES	8358	70.44	73.08	8.08	0.33	6	0.10	117	1.99	77.89
HEALTH POLICY & SERVICES	4725	64.57	78.30	6.65	0.29	0	0.00	34	1.11	75.97
INFECTIOUS DISEASES	2927	86.85	67.35	4.34	0.16	0	0.00	10	0.39	87.30
MEDICINE, LEGAL	390	80.51	46.82	1.44	0.09	0	0.00	0	0.00	90.14
NURSING	15446	65.30	67.03	5.39	<b>0.40</b>	<b>18</b>	0.18	<b>210</b>	2.08	73.95
NUTRITION & DIETETICS	3366	74.75	64.63	4.73	0.15	1	0.04	10	0.40	87.94
OBSTETRICS & GYNECOLOGY	9179	76.42	59.83	4.61	0.23	7	0.10	82	1.17	82.97
ONCOLOGY*	720	51.11	<b>92.39</b>	<b>14.54</b>	0.52	1	<b>0.27</b>	12	<b>3.26</b>	<b>66.14</b>
OPHTHALMOLOGY	5334	87.83	77.35	5.78	0.31	2	0.04	46	0.98	77.68
ORTHOPEDECS	6012	90.32	74.38	6.82	0.30	2	0.04	42	0.77	77.69
OTORHINOLARYNGOLOGY	1902	89.96	63.65	3.21	0.21	0	0.00	9	0.53	83.86
PEDIATRICS	8875	83.17	57.02	3.03	0.17	1	0.01	32	0.43	85.42

WoS category	No. docs (total)	% citable items	% docs cited	Citation impact	Category Normalised Citation Impact	No. top 1% docs	% top 1% docs	No. top 10% docs	% top 10% docs	Average percentile
PRIMARY HEALTH CARE	3327	74.06	50.24	1.81	0.17	2	0.08	4	0.16	83.09
PSYCHIATRY	9453	61.24	68.20	4.99	0.17	1	0.02	17	0.29	83.78
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	13712	78.42	70.94	5.79	0.24	8	0.07	89	0.83	80.87
RADIOLOGY, NUCLEAR MEDICINE & MEDICAL IMAGING	9606	77.59	71.05	5.40	0.22	5	0.07	47	0.63	81.66
REHABILITATION	10185	69.72	71.98	5.92	0.31	5	0.07	97	1.37	77.29
RHEUMATOLOGY	2236	83.68	77.02	5.51	0.19	0	0.00	3	0.16	83.62
SPORT SCIENCES	3832	78.55	61.03	4.44	0.21	3	0.10	30	1.00	85.84
ROBOTICS	11839	83.14	58.76	3.01	0.17	1	0.01	30	0.30	86.01
TRANSPLANTATION*	394	87.31	44.77	1.88	0.10	0	0.00	3	0.87	94.17
TROPICAL MEDICINE*	673	70.73	67.65	3.11	0.30	0	0.00	1	0.21	87.58
UROLOGY & NEPHROLOGY	7218	80.51	71.54	4.26	0.21	1	0.02	17	0.29	81.00