

Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>World</b>																
Total articles	140,943	145,934	146,185	145,113	147,473	143,704	153,913	147,658	164,000	154,310	156,877	165,129	161,957	155,694	159,687	165,912
with multiple institutions	79,643	84,171	86,486	87,114	91,437	90,480	99,356	97,104	109,729	105,802	109,737	117,635	117,741	114,862	120,152	126,026
with domestic institutions only	117,439	120,398	119,066	117,624	117,883	114,184	121,291	115,385	127,127	118,529	119,075	124,436	120,491	114,538	116,511	120,442
with international institutions	23,504	25,536	27,119	27,489	29,590	29,520	32,622	32,273	36,873	35,781	37,802	40,693	41,466	41,156	43,176	45,470
<b>Canada</b>																
Total articles	7,073	7,114	7,368	7,102	7,244	7,136	7,678	7,382	8,597	8,162	8,612	8,879	8,719	8,446	8,429	8,781
with multiple institutions	4,641	4,821	5,072	4,943	5,141	5,092	5,617	5,439	6,406	6,074	6,566	6,909	6,877	6,715	6,870	7,237
with domestic institutions only	4,586	4,569	4,623	4,453	4,364	4,268	4,485	4,167	4,820	4,501	4,648	4,703	4,463	4,271	4,064	4,160
with international institutions	2,487	2,545	2,745	2,649	2,880	2,868	3,193	3,215	3,777	3,661	3,964	4,176	4,256	4,175	4,365	4,621
<b>Mexico</b>																
Total articles	765	878	828	869	977	994	1,167	1,152	1,330	1,254	1,351	1,445	1,415	1,339	1,409	1,491
with multiple institutions	516	622	601	629	723	734	888	892	1,031	973	1,085	1,193	1,135	1,091	1,162	1,254
with domestic institutions only	443	498	485	475	523	571	645	621	721	662	682	712	706	642	674	723
with international institutions	322	380	343	394	454	423	522	531	609	592	669	733	709	697	735	768
<b>United States</b>																
Total articles	57,491	58,375	58,088	57,909	60,088	57,513	61,134	59,722	64,814	60,816	61,465	63,756	61,563	58,438	60,028	60,781
with multiple institutions	36,167	37,259	37,801	38,016	40,165	39,000	42,144	41,683	45,938	44,148	45,195	47,594	46,799	45,119	47,202	48,010
with domestic institutions only	45,960	45,878	44,825	44,301	45,475	42,934	45,161	43,630	46,706	43,246	42,903	43,886	41,430	38,340	38,830	38,603
with international institutions	11,531	12,497	13,263	13,608	14,613	14,579	15,973	16,092	18,108	17,570	18,562	19,870	20,133	20,098	21,198	22,178
<b>Argentina</b>																
Total articles	843	977	908	1,012	1,074	1,189	1,280	1,096	1,278	1,320	1,351	1,443	1,509	1,431	1,516	1,596
with multiple institutions	480	598	588	635	705	761	879	781	920	959	994	1,092	1,137	1,110	1,209	1,241
with domestic institutions only	591	641	583	662	666	757	758	622	704	735	735	815	852	794	847	926
with international institutions	252	336	325	350	408	432	522	474	574	585	616	628	657	637	669	670
<b>Brazil</b>																
Total articles	1,565	1,849	2,009	2,013	2,250	2,453	2,926	3,052	3,227	3,259	3,570	4,105	3,977	4,014	4,191	4,715
with multiple institutions	1,157	1,329	1,493	1,523	1,701	1,865	2,232	2,339	2,519	2,597	2,887	3,361	3,270	3,344	3,614	4,036
with domestic institutions only	947	1,166	1,247	1,203	1,465	1,612	1,959	2,010	2,111	2,159	2,333	2,717	2,631	2,621	2,664	3,017
with international institutions	618	683	762	810	785	841	967	1,042	1,116	1,100	1,237	1,388	1,346	1,393	1,527	1,698
<b>Chile</b>																
Total articles	288	304	325	312	336	380	412	411	520	447	494	550	550	542	560	602
with multiple institutions	203	216	234	227	257	291	331	328	417	377	422	470	475	483	513	542
with domestic institutions only	160	151	146	146	147	181	177	189	243	181	209	224	215	213	185	201
with international institutions	128	153	179	166	189	199	235	222	277	266	285	326	335	329	375	401
<b>Austria</b>																
Total articles	1,243	1,282	1,376	1,289	1,422	1,431	1,546	1,513	1,708	1,555	1,628	1,754	1,754	1,860	1,860	1,891
with multiple institutions	880	902	1,013	974	1,060	1,071	1,185	1,193	1,365	1,235	1,326	1,446	1,441	1,570	1,605	1,665
with domestic institutions only	616	624	677	589	636	628	648	601	685	591	582	605	589	602	576	569
with international institutions	627	658	699	700	786	803	898	912	1,023	964	1,046	1,149	1,165	1,258	1,284	1,322

Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Belgium</b>																
Total articles	2,121	2,103	2,260	2,082	2,216	2,164	2,360	2,331	2,726	2,307	2,455	2,700	2,690	2,695	2,843	2,919
with multiple institutions	1,548	1,540	1,698	1,581	1,702	1,708	1,874	1,847	2,211	1,870	2,059	2,295	2,365	2,411	2,526	2,646
with domestic institutions only	1,052	1,000	1,024	919	980	895	935	979	1,073	927	922	994	953	872	946	897
with international institutions	1,069	1,103	1,236	1,163	1,236	1,269	1,425	1,352	1,653	1,380	1,533	1,706	1,737	1,823	1,897	2,022
<b>Czech Republic</b>																
Total articles	735	739	783	833	889	893	1,026	1,027	1,186	1,084	1,253	1,382	1,375	1,409	1,351	1,433
with multiple institutions	537	531	556	618	669	671	819	810	953	884	1,026	1,157	1,142	1,187	1,169	1,246
with domestic institutions only	368	385	393	453	454	471	543	525	616	543	602	694	665	655	601	629
with international institutions	367	354	390	380	435	422	483	502	570	541	651	688	710	754	750	804
<b>Denmark</b>																
Total articles	1,754	1,815	1,894	1,937	1,996	1,930	2,079	2,004	2,106	2,062	2,074	2,234	2,202	2,264	2,323	2,473
with multiple institutions	1,232	1,278	1,395	1,423	1,486	1,467	1,574	1,555	1,674	1,684	1,750	1,902	1,896	1,950	2,049	2,187
with domestic institutions only	910	914	925	985	936	892	981	917	872	805	774	810	756	791	751	827
with international institutions	844	901	969	952	1,060	1,038	1,098	1,087	1,234	1,257	1,300	1,424	1,446	1,473	1,572	1,646
<b>Finland</b>																
Total articles	1,369	1,508	1,673	1,659	1,734	1,660	1,728	1,620	1,785	1,684	1,755	1,826	1,763	1,661	1,688	1,744
with multiple institutions	1,042	1,151	1,309	1,325	1,383	1,338	1,432	1,296	1,478	1,401	1,484	1,553	1,522	1,444	1,491	1,533
with domestic institutions only	798	883	927	903	957	887	886	867	901	850	779	864	774	669	698	661
with international institutions	571	625	746	756	777	773	842	753	884	834	976	962	989	992	990	1,083
<b>France</b>																
Total articles	9,564	9,871	10,008	9,629	9,796	9,299	9,693	9,035	10,045	9,101	9,225	9,761	9,588	8,981	9,109	9,205
with multiple institutions	6,513	6,982	7,178	6,987	7,369	7,008	7,532	7,094	8,116	7,422	7,783	8,397	8,355	8,000	8,140	8,386
with domestic institutions only	6,008	6,052	5,984	5,605	5,396	5,078	5,163	4,673	4,980	4,436	4,314	4,419	4,161	3,811	3,808	3,649
with international institutions	3,556	3,819	4,024	4,024	4,400	4,221	4,530	4,362	5,065	4,665	4,911	5,342	5,427	5,170	5,301	5,556
<b>Germany</b>																
Total articles	11,254	12,251	12,308	11,984	12,363	11,915	12,578	12,006	13,816	12,570	12,927	13,608	13,455	13,019	13,120	13,612
with multiple institutions	6,942	7,784	7,949	8,005	8,487	8,371	8,990	8,797	10,180	9,495	9,891	10,682	10,894	10,634	10,842	11,365
with domestic institutions only	6,933	7,409	7,249	6,960	6,800	6,501	6,725	6,236	7,063	6,164	6,161	6,335	5,977	5,552	5,515	5,654
with international institutions	4,321	4,842	5,059	5,024	5,563	5,414	5,853	5,770	6,753	6,406	6,766	7,273	7,478	7,467	7,605	7,958
<b>Greece</b>																
Total articles	481	582	535	653	715	727	760	805	924	998	1,027	1,155	1,081	1,039	980	1,063
with multiple institutions	323	404	373	439	503	502	559	588	712	742	827	886	876	821	813	897
with domestic institutions only	291	347	307	390	418	432	433	479	545	583	569	668	550	545	472	475
with international institutions	190	235	228	263	297	295	327	326	379	415	458	487	531	494	508	588
<b>Hungary</b>																
Total articles	578	693	793	704	770	745	832	800	956	860	856	984	905	779	975	922
with multiple institutions	417	520	601	555	616	611	684	686	793	724	739	845	790	676	855	782
with domestic institutions only	279	329	366	306	344	329	370	320	438	366	382	407	371	332	358	399
with international institutions	299	364	427	398	426	416	462	480	518	494	474	577	534	447	617	523

Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Ireland</b>																
Total articles	399	481	502	484	534	531	545	572	706	687	785	877	906	979	1,035	1,043
with multiple institutions	252	312	326	334	387	394	409	438	532	553	608	703	738	810	871	911
with domestic institutions only	230	259	291	255	261	251	271	257	343	296	331	345	352	390	408	397
with international institutions	169	222	211	229	273	280	274	315	363	391	454	532	554	589	627	646
<b>Italy</b>																
Total articles	5,373	5,620	5,751	5,628	5,658	5,785	6,294	5,990	6,992	6,455	6,812	7,194	7,141	6,666	6,653	7,057
with multiple institutions	3,979	4,236	4,441	4,334	4,449	4,559	5,041	4,743	5,691	5,307	5,594	5,907	6,028	5,657	5,735	6,131
with domestic institutions only	3,397	3,427	3,450	3,352	3,296	3,478	3,713	3,547	3,949	3,674	3,757	3,866	3,760	3,432	3,325	3,487
with international institutions	1,976	2,193	2,301	2,276	2,362	2,307	2,581	2,443	3,043	2,781	3,055	3,328	3,381	3,234	3,328	3,570
<b>Netherlands</b>																
Total articles	4,134	4,088	4,199	4,034	4,100	4,091	4,271	4,111	4,656	4,240	4,435	4,768	4,696	4,696	4,873	5,279
with multiple institutions	2,832	2,946	3,042	3,035	3,167	3,186	3,374	3,325	3,834	3,529	3,786	4,073	4,087	4,177	4,337	4,733
with domestic institutions only	2,426	2,242	2,231	2,067	2,087	1,995	2,035	1,921	2,101	1,860	1,811	1,947	1,829	1,752	1,794	1,793
with international institutions	1,708	1,846	1,968	1,967	2,013	2,096	2,236	2,190	2,555	2,380	2,624	2,821	2,867	2,944	3,079	3,486
<b>Poland</b>																
Total articles	868	961	1,011	1,091	1,096	1,217	1,506	1,319	1,598	1,644	1,630	1,682	1,632	1,675	1,779	1,869
with multiple institutions	564	636	667	732	772	845	1,065	956	1,122	1,230	1,204	1,237	1,260	1,252	1,400	1,461
with domestic institutions only	471	529	561	614	578	689	850	690	918	904	887	898	881	907	1,005	1,041
with international institutions	397	432	450	477	518	528	656	629	680	740	743	784	751	768	774	828
<b>Portugal</b>																
Total articles	382	372	482	562	654	651	834	801	917	987	1,010	1,141	1,254	1,170	1,327	1,523
with multiple institutions	287	303	385	462	512	537	682	671	776	824	870	980	1,098	1,025	1,179	1,370
with domestic institutions only	190	159	205	228	293	284	381	329	383	389	399	432	488	433	515	546
with international institutions	192	213	277	334	361	367	453	472	534	598	611	709	766	737	812	977
<b>Spain</b>																
Total articles	3,912	4,060	4,445	4,174	4,521	4,638	5,010	4,720	5,442	5,514	5,650	6,122	6,283	6,059	6,425	6,825
with multiple institutions	2,329	2,505	2,725	2,715	2,952	3,101	3,359	3,401	3,865	4,063	4,287	4,756	4,993	4,912	5,341	5,792
with domestic institutions only	2,710	2,684	2,988	2,727	2,904	2,938	3,185	2,850	3,230	3,222	3,141	3,300	3,341	3,073	3,106	3,207
with international institutions	1,202	1,376	1,457	1,447	1,617	1,700	1,825	1,870	2,212	2,292	2,509	2,822	2,942	2,986	3,319	3,618
<b>Sweden</b>																
Total articles	3,359	3,549	3,674	3,425	3,768	3,547	3,810	3,448	3,781	3,530	3,623	3,678	3,571	3,374	3,367	3,574
with multiple institutions	2,358	2,511	2,620	2,414	2,712	2,648	2,845	2,637	2,902	2,776	2,907	2,995	2,951	2,841	2,883	3,056
with domestic institutions only	1,877	1,927	1,946	1,774	1,911	1,711	1,802	1,609	1,711	1,527	1,477	1,489	1,319	1,180	1,091	1,167
with international institutions	1,482	1,622	1,728	1,651	1,857	1,836	2,008	1,839	2,070	2,003	2,146	2,189	2,252	2,194	2,276	2,407
<b>United Kingdom</b>																
Total articles	13,810	14,413	14,248	14,312	14,298	13,763	14,520	13,983	14,944	13,940	14,157	15,040	14,825	14,396	14,313	14,682
with multiple institutions	8,187	8,841	9,003	9,165	9,580	9,311	9,978	9,932	10,747	10,249	10,671	11,382	11,469	11,328	11,505	11,992
with domestic institutions only	8,919	9,073	8,661	8,524	8,087	7,641	7,937	7,317	7,572	6,822	6,588	6,863	6,555	6,099	5,821	5,612
with international institutions	4,891	5,340	5,587	5,788	6,211	6,122	6,583	6,666	7,372	7,118	7,569	8,177	8,270	8,297	8,492	9,070

Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>Norway</b>																
Total articles	880	933	975	1,005	1,120	1,043	1,103	1,068	1,228	1,245	1,276	1,311	1,329	1,299	1,397	1,400
with multiple institutions	599	690	696	732	823	804	869	837	982	1,048	1,061	1,105	1,153	1,129	1,256	1,264
with domestic institutions only	501	500	525	539	571	479	535	471	569	516	522	544	537	478	487	465
with international institutions	379	433	450	466	549	564	568	597	659	729	754	767	792	821	910	935
<b>Russia</b>																
Total articles	3,797	3,721	3,025	4,021	2,114	2,121	2,267	2,181	2,200	1,795	1,618	1,570	1,453	1,358	1,391	1,485
with multiple institutions	1,591	1,612	1,469	1,849	1,252	1,299	1,419	1,391	1,428	1,242	1,217	1,150	1,077	1,021	1,040	1,169
with domestic institutions only	2,886	2,769	2,098	3,005	1,235	1,209	1,264	1,229	1,219	898	741	694	639	593	637	655
with international institutions	911	952	927	1,016	879	912	1,003	952	981	897	877	876	814	765	754	830
<b>Switzerland</b>																
Total articles	3,074	3,034	3,259	3,160	3,167	3,074	3,249	3,194	3,531	3,420	3,528	3,725	3,803	3,776	3,953	4,167
with multiple institutions	2,027	2,104	2,249	2,177	2,250	2,221	2,394	2,396	2,699	2,698	2,858	3,085	3,149	3,229	3,387	3,598
with domestic institutions only	1,461	1,366	1,451	1,415	1,356	1,313	1,331	1,254	1,324	1,244	1,173	1,137	1,162	1,099	1,118	1,155
with international institutions	1,613	1,668	1,808	1,745	1,811	1,761	1,918	1,940	2,207	2,176	2,355	2,588	2,641	2,677	2,835	3,012
<b>Iran</b>																
Total articles	78	87	99	130	143	184	298	292	469	441	748	727	814	839	1,012	1,151
with multiple institutions	53	53	59	89	82	117	183	203	334	332	597	605	674	699	862	972
with domestic institutions only	53	50	69	87	104	125	210	202	312	309	478	453	530	537	657	771
with international institutions	25	37	30	43	39	59	88	90	157	132	270	274	284	302	355	380
<b>Israel</b>																
Total articles	1,756	1,793	1,761	1,860	1,906	1,871	2,068	1,951	1,948	1,817	1,906	2,019	1,874	1,794	1,819	1,857
with multiple institutions	1,248	1,281	1,262	1,351	1,424	1,389	1,563	1,514	1,494	1,395	1,453	1,597	1,472	1,465	1,482	1,502
with domestic institutions only	1,039	1,034	1,004	1,079	1,056	1,071	1,142	1,049	1,013	976	1,033	1,054	958	827	862	847
with international institutions	717	759	757	781	850	800	926	902	935	841	873	965	916	967	957	1,010
<b>Saudi Arabia</b>																
Total articles	158	143	131	119	149	130	154	115	113	112	123	143	184	304	484	635
with multiple institutions	90	77	77	77	103	77	97	79	70	83	86	121	164	282	443	602
with domestic institutions only	112	100	81	60	81	82	80	60	65	49	58	43	53	58	92	81
with international institutions	46	43	50	59	68	48	74	55	48	63	65	100	131	246	392	554
<b>Turkey</b>																
Total articles	391	458	501	524	582	817	1,045	1,139	1,329	1,274	1,273	1,239	1,151	1,124	1,200	1,255
with multiple institutions	280	318	361	366	409	573	787	851	977	950	973	918	873	895	987	1,031
with domestic institutions only	285	327	349	367	402	617	774	835	1,021	985	969	907	809	767	840	867
with international institutions	106	131	152	157	180	200	271	304	308	289	304	332	342	357	360	388
<b>Egypt</b>																
Total articles	205	225	240	236	273	291	311	246	302	287	289	343	429	475	598	703
with multiple institutions	132	147	153	155	185	203	221	161	231	219	225	271	367	404	511	589
with domestic institutions only	112	124	135	128	155	148	155	139	141	140	127	143	157	170	210	260
with international institutions	93	101	105	108	118	143	156	107	161	147	162	200	272	305	388	443

Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
<b>South Africa</b>																
Total articles	817	855	858	907	983	986	967	919	1,149	1,096	1,167	1,302	1,333	1,285	1,310	1,349
with multiple institutions	485	489	553	592	645	655	679	655	828	834	893	1,039	1,080	1,032	1,082	1,104
with domestic institutions only	570	578	539	553	566	553	472	434	561	496	506	531	502	515	477	475
with international institutions	247	277	319	354	417	433	495	485	588	600	661	771	831	770	833	874
<b>China</b>																
Total articles	1,583	2,184	2,557	2,664	3,164	3,485	4,593	5,086	7,065	8,147	9,313	11,190	12,948	14,104	15,791	18,673
with multiple institutions	963	1,275	1,552	1,677	2,032	2,261	3,100	3,538	5,061	6,073	7,051	8,545	10,077	11,036	12,519	14,923
with domestic institutions only	1,018	1,528	1,737	1,787	2,096	2,292	2,998	3,251	4,641	5,454	6,246	7,538	8,751	9,530	10,623	12,821
with international institutions	565	656	820	877	1,068	1,193	1,595	1,835	2,424	2,693	3,067	3,652	4,197	4,574	5,168	5,852
<b>India</b>																
Total articles	2,005	2,134	2,309	2,083	2,380	2,552	2,814	2,790	3,343	3,296	3,595	3,749	3,963	3,928	4,375	4,752
with multiple institutions	720	820	910	856	1,029	1,171	1,344	1,293	1,631	1,641	1,905	2,008	2,277	2,233	2,598	2,886
with domestic institutions only	1,725	1,801	1,977	1,723	1,957	2,064	2,321	2,293	2,695	2,604	2,864	2,970	3,090	3,032	3,347	3,599
with international institutions	280	333	332	360	423	488	493	497	648	692	731	779	873	896	1,028	1,153
<b>Japan</b>																
Total articles	13,089	14,355	14,306	14,167	14,587	14,060	14,719	13,581	14,434	13,470	13,182	13,528	12,788	11,716	11,746	11,696
with multiple institutions	8,351	9,199	9,503	9,640	10,163	9,932	10,681	10,012	10,867	10,176	10,168	10,617	10,079	9,365	9,454	9,526
with domestic institutions only	10,611	11,553	11,354	11,136	11,249	10,773	11,109	10,014	10,678	9,777	9,501	9,708	8,972	8,157	7,980	7,853
with international institutions	2,478	2,802	2,952	3,031	3,338	3,287	3,610	3,567	3,756	3,693	3,681	3,820	3,816	3,559	3,766	3,843
<b>Singapore</b>																
Total articles	247	264	339	337	402	442	534	607	754	774	769	854	981	1,068	1,061	1,233
with multiple institutions	127	143	183	185	244	276	396	440	574	599	616	672	802	888	931	1,065
with domestic institutions only	160	167	209	205	234	258	283	319	396	360	355	393	408	407	393	410
with international institutions	87	97	130	132	168	184	251	288	358	414	414	461	573	661	668	823
<b>South Korea</b>																
Total articles	856	1,236	1,502	1,700	1,985	2,203	2,640	2,926	3,494	3,483	3,595	3,992	4,167	4,473	4,856	5,469
with multiple institutions	633	895	1,114	1,295	1,542	1,793	2,205	2,473	2,906	2,960	3,070	3,372	3,549	3,864	4,157	4,712
with domestic institutions only	581	893	1,048	1,211	1,427	1,523	1,850	2,072	2,465	2,392	2,508	2,797	2,888	3,030	3,305	3,770
with international institutions	275	343	454	489	558	680	790	854	1,029	1,091	1,087	1,195	1,279	1,443	1,551	1,699
<b>Taiwan</b>																
Total articles	1,000	1,085	1,070	1,086	1,382	1,282	1,410	1,574	1,918	1,881	1,916	2,297	2,200	2,294	2,368	2,381
with multiple institutions	668	771	779	795	1,063	993	1,088	1,277	1,591	1,640	1,664	2,034	1,983	2,049	2,141	2,187
with domestic institutions only	792	852	817	817	1,026	971	1,080	1,187	1,448	1,422	1,411	1,670	1,618	1,665	1,653	1,706
with international institutions	208	233	253	269	356	311	330	387	470	459	505	627	582	629	715	675
<b>Australia</b>																
Total articles	4,400	4,721	4,717	4,704	4,835	4,861	5,086	4,921	5,521	5,368	5,584	5,982	6,079	6,057	6,344	6,644
with multiple institutions	2,619	2,828	2,884	3,047	3,336	3,320	3,620	3,645	4,169	4,097	4,359	4,827	4,987	5,062	5,315	5,658
with domestic institutions only	3,034	3,206	3,197	3,053	2,970	3,016	3,027	2,846	3,105	3,009	2,938	3,087	3,048	2,893	2,924	2,953
with international institutions	1,366	1,515	1,520	1,651	1,865	1,845	2,059	2,075	2,416	2,359	2,646	2,895	3,031	3,164	3,420	3,691

## Appendix table 5-50

**S&E articles in biological sciences, by coauthorship attribute and selected country/economy: 1997–2012**

Country/economy and coauthorship attribute	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
New Zealand																
Total articles	824	995	942	1,045	1,018	971	1,075	974	1,246	1,169	1,164	1,251	1,260	1,394	1,322	1,443
with multiple institutions	447	578	554	621	612	615	724	666	869	815	870	972	949	1,077	1,024	1,123
with domestic institutions only	543	638	608	662	614	555	612	530	653	593	554	550	577	618	582	650
with international institutions	281	357	334	383	404	416	463	444	593	576	610	701	683	776	740	793

NOTES: Article counts are from the set of journals covered by the Science Citation Index (SCI) and Social Sciences Citation Index (SSCI). Articles are classified by the year they entered the database, rather than the year of publication, and are assigned to a country/economy on the basis of the institutional address(es) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating country/economy is credited with one count). Countries/economies with less than 1% of internationally coauthored articles in 2012 are omitted. Articles with multiple institutions are counts of articles with two or more institutional addresses. Articles with domestic institutions only are counts of articles with one or more institutional addresses all within the country/economy. Articles with international institutions are counts of articles with one or more institutional addresses outside the country/economy.

SOURCES: National Science Foundation, National Center for Science and Engineering Statistics, and The Patent Board™, special tabulations (2013) from Thomson Reuters, SCI and SSCI, [http://thomsonreuters.com/products\\_services/science/](http://thomsonreuters.com/products_services/science/).

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