

Appendix table 6-28

All and industry U.S. S&E basic research articles, by field: 1988–2005

Field	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
All articles.....	56,242	59,771	61,064	61,929	64,384	64,680	65,345	67,723	66,610	64,551	65,060	65,338	65,417	66,202	64,560	69,438	66,252	72,020
Agricultural sciences.....	0	0	0	0	0	0	0	0	0	0	0	0	7	4	7	3	1	6
Astronomy.....	1,754	1,783	1,900	1,912	2,088	2,025	2,421	2,483	2,616	2,498	1,868	2,782	2,516	2,634	2,927	2,672	2,811	2,808
Biological sciences.....	27,503	29,422	30,170	30,445	31,849	31,820	32,249	33,417	32,665	31,892	32,319	31,585	31,723	32,635	31,213	32,854	32,035	33,714
Chemistry.....	6,553	6,611	7,100	7,374	7,561	7,977	7,490	7,854	7,986	7,212	7,532	7,681	7,845	7,648	7,756	8,333	7,915	8,872
Computer sciences.....	6	12	5	7	32	38	42	44	30	29	26	36	55	66	45	35	39	28
Engineering.....	199	283	257	237	301	376	550	536	441	458	544	439	504	492	534	712	714	746
Geosciences.....	2,780	2,981	3,306	3,266	3,115	3,513	3,380	3,817	3,828	3,433	3,744	3,689	3,549	3,654	3,187	4,720	3,888	4,072
Mathematics.....	1,912	1,990	1,434	1,501	1,626	1,531	1,472	1,417	1,511	1,536	1,625	1,736	1,861	1,904	1,867	1,862	1,777	1,803
Medical sciences.....	4,176	4,790	5,008	5,373	5,878	5,644	5,916	6,271	6,343	6,717	6,391	6,611	6,668	6,438	6,231	6,936	6,767	7,211
Other life sciences.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics.....	9,711	10,404	10,243	10,456	10,412	10,447	10,686	10,595	9,933	9,654	9,891	9,665	9,652	9,568	9,775	10,113	9,272	11,523
Psychology.....	1,507	1,406	1,467	1,245	1,407	1,140	960	1,154	1,092	1,023	985	977	902	1,005	886	1,030	913	1,082
Social sciences.....	141	91	175	111	115	169	179	136	162	99	134	138	133	156	132	168	120	154
Industry articles.....	3,458	3,452	3,754	3,824	3,931	4,052	4,057	4,151	3,653	3,367	3,305	3,358	3,228	3,191	3,059	3,296	2,886	2,910
Agricultural sciences.....	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
Astronomy.....	50	53	43	60	43	49	63	64	46	49	52	53	53	49	65	53	36	45
Biological sciences.....	1,463	1,480	1,749	1,838	1,870	1,939	1,972	2,117	1,786	1,734	1,641	1,703	1,610	1,609	1,459	1,523	1,246	1,278
Chemistry.....	665	666	716	704	769	921	967	979	885	780	800	892	777	756	846	937	952	900
Computer sciences.....	1	3		1	5	3	7	8	4	6	6	11	20	16	10	11	9	7
Engineering.....	27	18	17	22	23	41	67	58	64	54	96	51	65	69	57	93	66	78
Geosciences.....	116	115	139	127	142	139	117	146	138	130	142	134	115	132	105	150	115	111
Mathematics.....	27	24	25	25	30	19	22	19	19	19	18	22	26	36	26	19	20	16
Medical sciences.....	94	128	106	169	193	198	211	217	226	211	203	168	184	163	143	180	148	151
Other life sciences.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics.....	998	954	934	862	835	721	618	535	472	367	335	311	366	346	341	316	282	312
Psychology.....	12	8	12	12	17	14	8	6	10	13	11	11	10	10	4	7	10	10
Social sciences.....	4	3	13	5	5	8	5	2	2	3	2	3	1	4	3	7	3	2

NOTE: Article counts based on fractional counts and an expanding journal set.

SOURCES: Thomson ISI, Science Citation Index and Social Sciences Citation Index, <http://www.isinet.com/products/citation/>; iPLQ, Inc.; and National Science Foundation, Division of Science Resources Statistics, special tabulations.

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