

Appendix table 5-51
Citations of foreign S&E literature, by country/region: 1992, 1996, and 2001

Citing country/region	Total	Foreign	United States	Western Europe	Asia	Eastern Europe/ Central Asia	Near East/ North Africa	Pacific	Central/ South America	Sub-Saharan Africa
	Number of citations		Percent of foreign citations							
Worldwide										
1992	2,684,777	1,473,021	na	na	na	na	na	na	na	na
1996	3,325,455	1,944,734	na	na	na	na	na	na	na	na
2001	3,846,519	2,393,242	na	na	na	na	na	na	na	na
United States										
1992	1,173,270	355,366	na	63.2	14.7	2.3	4.8	2.4	0.9	0.7
1996	1,337,438	438,673	na	63.9	14.6	2.4	4.3	2.2	1.1	0.6
2001	1,403,472	523,280	na	64.1	15.6	2.3	4.5	2.2	1.4	0.5
Western Europe										
1992	920,630	468,446	74.6	na	10.3	2.4	3.5	1.5	0.7	0.6
1996	1,229,784	617,966	72.5	na	11.5	2.8	3.5	1.6	0.9	0.5
2001	1,445,547	696,234	68.2	na	13.8	3.3	4.2	1.9	1.4	0.6
Asia										
1992	244,033	154,015	57.6	32.6	na	1.7	2.1	1.1	0.5	0.3
1996	340,525	220,167	54.6	35.0	na	1.9	2.1	1.1	0.6	0.3
2001	497,305	319,094	49.0	39.4	na	2.4	2.4	1.4	1.0	0.3
Eastern Europe/Central Asia										
1992	89,194	61,577	42.6	38.6	10.9	na	1.9	1.2	0.6	0.3
1996	91,519	66,811	39.6	42.4	9.9	na	1.7	1.3	0.9	0.3
2001	114,418	85,656	33.4	46.0	12.1	na	2.1	1.5	1.3	0.3
Pacific										
1992	64,372	47,846	51.1	34.5	6.1	0.9	na	0.8	0.5	0.7
1996	87,640	67,886	49.0	35.5	6.8	1.2	na	0.9	0.6	0.5
2001	102,426	78,959	44.3	38.7	8.1	1.2	na	1.1	0.9	0.6
Near East/North Africa										
1992	29,132	23,444	54.4	29.3	7.2	1.7	2.1	na	0.4	0.7
1996	38,151	31,427	49.5	33.5	7.5	2.0	2.2	na	0.7	0.4
2001	51,504	41,976	42.9	37.2	10.0	2.2	2.2	na	1.1	0.3
Central/South America										
1992	20,857	16,741	47.7	33.3	7.7	1.9	2.3	1.3	na	0.8
1996	32,015	25,979	45.3	35.9	7.6	2.1	2.3	1.1	na	0.7
2001	56,068	44,637	37.8	40.1	10.0	2.8	2.7	1.4	na	0.6
Sub-Saharan Africa										
1992	11,745	8,788	43.7	36.0	6.8	1.2	4.8	1.5	1.2	na
1996	11,522	8,826	41.1	38.3	6.8	1.5	4.6	1.4	1.5	na
2001	13,789	10,734	35.1	42.8	8.2	1.7	4.6	1.5	1.6	na

na Not applicable

NOTES: Citations are references to U.S. S&E articles in journals indexed and tracked by the Institute for Scientific Information's Science Citation Index and Social Sciences Citation Index. Citation counts are based on a 3-year window with a 2-year lag. For example, citations for 1999 are references made in articles published in 1999 to articles published in 1995–97. Country/region is determined by the cited article's institutional address. Share of foreign citations do not add up to 100 percent because Canada and Mexico are not included.

SOURCE: Institute for Scientific Information, Science Citation Index and Social Sciences Citation Index; CHI Research, Inc.; and National Science Foundation, Division of Science Resources Statistics, special tabulations.