

Appendix table 5-42
Share of S&E world article output by country/economy: 1988, 1996, and 2003
 (Percent)

| Rank and country/economy | 1988 | 1996 | 2003 |
|--------------------------|------|------|------|
| 1 United States..... | 38.1 | 34.0 | 30.3 |
| 2 Japan | 7.4 | 8.5 | 8.6 |
| 3 United Kingdom..... | 7.8 | 8.1 | 6.9 |
| 4 Germany | 6.3 | 6.6 | 6.3 |
| 5 France..... | 4.6 | 5.0 | 4.6 |
| 6 China | 1.0 | 1.7 | 4.2 |
| 7 Canada..... | 4.6 | 4.1 | 3.6 |
| 8 Italy..... | 2.4 | 3.3 | 3.5 |
| 9 Spain..... | 1.2 | 2.1 | 2.4 |
| 10 Russia..... | na | 3.1 | 2.3 |
| 11 Australia..... | 2.1 | 2.3 | 2.2 |
| 12 South Korea..... | 0.2 | 0.8 | 2.0 |
| 13 Netherlands..... | 1.8 | 2.1 | 1.9 |
| 14 India..... | 1.9 | 1.6 | 1.8 |
| 15 Sweden..... | 1.6 | 1.6 | 1.5 |
| 16 Taiwan | 0.3 | 1.0 | 1.3 |
| 17 Brazil..... | 0.4 | 0.6 | 1.2 |
| 18 Switzerland | 1.1 | 1.3 | 1.2 |
| 19 Israel..... | 1.1 | 1.0 | 1.0 |
| 20 Poland..... | 0.9 | 0.8 | 1.0 |
| 21 Belgium..... | 0.8 | 0.9 | 0.9 |
| 22 Turkey..... | 0.1 | 0.4 | 0.9 |
| 23 Denmark | 0.7 | 0.8 | 0.8 |
| 24 Finland | 0.6 | 0.7 | 0.7 |
| 25 Austria | 0.5 | 0.6 | 0.7 |

na = not applicable

NOTES: Countries/economies ranked by share of world article output in 2003. Articles assigned to country/economy on basis of institutional address(es) listed on article. Articles on fractional-count basis, i.e., for articles with collaborating institutions from multiple countries/economies, each country/economy receives fractional credit on basis of proportion of its participating institutions. China includes Hong Kong.

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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