

Regional and country portfolio of S&E articles, by field: 2003

(Percent distribution)

| Region and country/economy | Articles (number) | All fields | Clinical medicine | Biomedical research | Biology | Chemistry | Physics | Earth/space sciences | Engineering/ technology | Mathematics | Psychology | Social sciences | Health sciences | Professional fields |
|----------------------------------|----------------------|---------------|----------------------|------------------------|---------|-----------|---------|-------------------------|----------------------------|-------------|------------|--------------------|--------------------|------------------------|
| All countries/economies..... | 698,726 | 100.0 | 27.9 | 13.7 | 7.1 | 11.9 | 13.9 | 5.5 | 9.0 | 2.2 | 2.2 | 3.1 | 1.4 | 2.1 |
| Major S&E article producers..... | 546,626 | 100.0 | 29.3 | 14.2 | 6.4 | 11.0 | 13.3 | 5.4 | 9.0 | 2.1 | 2.3 | 3.2 | 1.5 | 2.3 |
| United States..... | 211,233 | 100.0 | 31.2 | 16.3 | 6.6 | 7.5 | 8.8 | 5.9 | 7.0 | 3.7 | 1.8 | 4.6 | 2.4 | 4.1 |
| EU-15..... | 220,002 | 100.0 | 31.6 | 13.7 | 6.8 | 11.1 | 13.3 | 5.7 | 7.6 | 2.0 | 2.5 | 3.0 | 1.2 | 1.5 |
| Austria..... | 4,906 | 100.0 | 42.3 | 12.9 | 5.0 | 9.1 | 12.4 | 4.4 | 6.2 | 1.3 | 2.7 | 2.4 | 0.4 | 1.0 |
| Belgium..... | 6,604 | 100.0 | 31.5 | 13.7 | 8.5 | 11.1 | 13.3 | 5.0 | 7.4 | 2.2 | 2.3 | 2.6 | 0.8 | 1.6 |
| Denmark..... | 5,291 | 100.0 | 36.5 | 17.5 | 11.7 | 7.0 | 9.1 | 6.1 | 4.3 | 1.4 | 1.5 | 2.6 | 0.9 | 1.4 |
| Finland..... | 5,202 | 100.0 | 35.9 | 13.2 | 10.5 | 7.5 | 9.6 | 5.1 | 7.9 | 2.0 | 1.5 | 2.5 | 2.3 | 2.1 |
| France..... | 31,971 | 100.0 | 26.4 | 14.3 | 5.9 | 12.9 | 16.9 | 6.8 | 8.6 | 1.0 | 4.7 | 1.8 | 0.3 | 0.5 |
| Germany..... | 44,305 | 100.0 | 31.3 | 13.7 | 5.3 | 12.4 | 16.8 | 5.4 | 7.7 | 2.0 | 2.2 | 1.9 | 0.6 | 0.8 |
| Greece..... | 3,770 | 100.0 | 32.4 | 8.0 | 8.8 | 12.3 | 12.3 | 6.2 | 12.1 | 0.8 | 2.6 | 3.1 | 0.3 | 1.2 |
| Ireland..... | 1,758 | 100.0 | 30.7 | 14.6 | 11.6 | 10.5 | 10.0 | 3.9 | 7.3 | 1.3 | 2.2 | 4.8 | 1.6 | 1.6 |
| Italy..... | 24,696 | 100.0 | 34.8 | 12.3 | 4.9 | 11.5 | 16.7 | 6.2 | 8.0 | 0.9 | 2.8 | 1.2 | 0.3 | 0.5 |
| Luxembourg..... | 46 | 100.0 | 29.9 | 13.1 | 12.8 | 4.7 | 12.9 | 3.2 | 7.6 | 1.1 | 1.6 | 4.3 | 2.7 | 6.1 |
| Netherlands..... | 13,475 | 100.0 | 38.6 | 13.3 | 6.8 | 7.9 | 8.8 | 5.2 | 5.7 | 4.0 | 1.4 | 4.0 | 1.8 | 2.5 |
| Portugal..... | 2,625 | 100.0 | 13.4 | 13.5 | 12.3 | 16.4 | 16.6 | 5.5 | 15.8 | 0.8 | 3.4 | 1.4 | 0.3 | 0.7 |
| Spain..... | 16,826 | 100.0 | 24.5 | 13.0 | 12.0 | 17.8 | 11.9 | 5.5 | 7.4 | 1.1 | 3.5 | 1.9 | 0.4 | 1.0 |
| Sweden..... | 10,237 | 100.0 | 36.5 | 15.4 | 7.5 | 8.5 | 10.0 | 4.4 | 7.1 | 2.2 | 1.5 | 2.6 | 3.0 | 1.4 |
| United Kingdom..... | 48,288 | 100.0 | 32.1 | 14.2 | 6.2 | 8.2 | 9.3 | 6.0 | 7.1 | 3.1 | 1.6 | 6.1 | 2.8 | 3.4 |
| Japan..... | 60,067 | 100.0 | 27.2 | 13.3 | 6.3 | 14.7 | 20.8 | 3.1 | 12.1 | 0.4 | 1.3 | 0.5 | 0.1 | 0.1 |
| East Asia-4..... | 55,324 | 100.0 | 14.9 | 9.2 | 4.2 | 20.2 | 22.5 | 4.0 | 19.2 | 2.8 | 0.5 | 1.0 | 0.4 | 1.1 |
| China..... | 29,186 | 100.0 | 10.7 | 8.2 | 4.2 | 24.8 | 24.9 | 4.3 | 16.8 | 0.4 | 3.6 | 0.8 | 0.3 | 0.9 |
| Singapore..... | 3,122 | 100.0 | 15.3 | 9.4 | 2.7 | 12.8 | 18.2 | 2.4 | 28.1 | 0.8 | 3.1 | 3.7 | 0.6 | 3.0 |
| South Korea..... | 13,746 | 100.0 | 17.0 | 12.0 | 4.3 | 16.5 | 22.7 | 2.8 | 20.7 | 0.3 | 1.8 | 0.9 | 0.4 | 0.8 |
| Taiwan..... | 9,270 | 100.0 | 25.0 | 8.0 | 4.7 | 13.8 | 16.3 | 5.0 | 21.3 | 0.7 | 1.6 | 1.2 | 0.7 | 1.7 |
| Other regions/countries | | | | | | | | | | | | | | |
| Other Western Europe | | | | | | | | | | | | | | |
| Croatia..... | 845 | 100.0 | 21.4 | 8.4 | 6.8 | 18.2 | 13.3 | 3.4 | 4.9 | 1.2 | 1.1 | 20.3 | 0.3 | 0.8 |
| Cyprus..... | 92 | 100.0 | 18.6 | 3.7 | 3.1 | 9.6 | 16.3 | 4.8 | 9.3 | 4.2 | 8.0 | 12.5 | 0.1 | 9.8 |
| Iceland..... | 203 | 100.0 | 34.1 | 14.6 | 10.0 | 6.1 | 5.4 | 13.8 | 3.2 | 3.1 | 1.6 | 1.9 | 4.3 | 2.0 |
| Norway..... | 3,339 | 100.0 | 32.8 | 12.0 | 14.3 | 5.2 | 4.5 | 10.0 | 5.8 | 3.4 | 1.5 | 5.6 | 2.9 | 2.0 |
| Switzerland..... | 8,542 | 100.0 | 31.8 | 16.0 | 5.6 | 12.5 | 14.5 | 6.6 | 6.2 | 1.3 | 1.6 | 2.4 | 0.7 | 0.9 |
| Turkey..... | 6,224 | 100.0 | 44.6 | 7.2 | 7.6 | 11.2 | 8.9 | 4.6 | 10.9 | 0.8 | 1.0 | 1.6 | 0.7 | 1.0 |
| Yugoslavia..... | 600 | 100.0 | 17.3 | 8.4 | 5.5 | 19.2 | 20.8 | 3.6 | 20.2 | 0.3 | 3.6 | 0.6 | 0.3 | 0.2 |
| All others..... | 124 | 100.0 | 22.9 | 6.1 | 4.5 | 24.9 | 16.2 | 10.0 | 10.3 | 1.5 | 2.0 | 1.3 | 0.4 | 0.0 |
| Other Asia | | | | | | | | | | | | | | |
| Bangladesh..... | 204 | 100.0 | 14.3 | 10.3 | 10.5 | 13.2 | 19.1 | 7.9 | 13.7 | 0.7 | 0.0 | 6.2 | 3.6 | 0.5 |
| India..... | 12,774 | 100.0 | 15.5 | 12.9 | 6.9 | 26.6 | 18.1 | 4.9 | 11.9 | 0.2 | 1.2 | 1.1 | 0.2 | 0.4 |
| Indonesia..... | 178 | 100.0 | 16.5 | 13.1 | 24.3 | 8.4 | 7.9 | 9.4 | 5.9 | 0.4 | 0.9 | 10.5 | 2.3 | 0.6 |
| Malaysia..... | 520 | 100.0 | 20.4 | 9.5 | 16.9 | 17.6 | 9.0 | 4.2 | 15.5 | 1.1 | 1.3 | 3.2 | 0.0 | 1.4 |
| Pakistan..... | 368 | 100.0 | 20.1 | 9.8 | 18.8 | 21.1 | 15.1 | 3.3 | 5.9 | 0.4 | 0.2 | 4.1 | 0.7 | 0.4 |
| Philippines..... | 179 | 100.0 | 15.9 | 12.5 | 32.4 | 4.8 | 8.0 | 5.9 | 3.4 | 1.6 | 3.1 | 9.6 | 2.0 | 0.9 |
| Sri Lanka..... | 141 | 100.0 | 25.2 | 8.9 | 29.5 | 5.5 | 13.0 | 6.3 | 4.8 | 0.4 | 0.4 | 3.2 | 1.7 | 1.1 |

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(Percent distribution)

| Region and country/economy | Articles (number) | All fields | Clinical medicine | Biomedical research | Biology | Chemistry | Physics | Earth/space sciences | Engineering/ technology | Mathematics | Psychology | Social sciences | Health sciences | Professional fields |
|---------------------------------|----------------------|---------------|----------------------|------------------------|---------|-----------|---------|-------------------------|----------------------------|-------------|------------|--------------------|--------------------|------------------------|
| Thailand..... | 1,072 | 100.0 | 31.7 | 13.0 | 15.9 | 15.7 | 4.7 | 3.6 | 9.2 | 0.6 | 0.8 | 1.8 | 2.2 | 0.8 |
| Vietnam..... | 216 | 100.0 | 14.3 | 4.9 | 11.0 | 5.3 | 37.0 | 2.9 | 5.4 | 0.0 | 12.6 | 1.8 | 4.1 | 0.7 |
| All others..... | 125 | 100.0 | 33.1 | 9.9 | 17.9 | 3.3 | 5.4 | 14.2 | 2.6 | 0.1 | 2.7 | 6.6 | 3.4 | 0.8 |
| Eastern Europe/former USSR..... | 35,067 | 100.0 | 9.1 | 9.0 | 4.7 | 25.5 | 30.6 | 5.9 | 9.2 | 0.7 | 3.6 | 1.5 | 0.1 | 0.2 |
| Armenia..... | 175 | 100.0 | 3.2 | 5.8 | 0.9 | 17.3 | 56.3 | 7.5 | 5.0 | 0.0 | 3.4 | 0.6 | 0.0 | 0.0 |
| Azerbaijan..... | 107 | 100.0 | 0.7 | 2.7 | 2.1 | 34.7 | 44.3 | 3.9 | 7.4 | 0.0 | 2.8 | 0.9 | 0.5 | 0.0 |
| Bulgaria..... | 829 | 100.0 | 11.9 | 10.8 | 6.1 | 24.9 | 21.1 | 3.9 | 16.9 | 0.1 | 3.5 | 0.5 | 0.1 | 0.2 |
| Belarus..... | 532 | 100.0 | 3.1 | 6.5 | 3.5 | 26.3 | 45.0 | 1.1 | 10.6 | 0.0 | 2.9 | 0.8 | 0.0 | 0.1 |
| Czech Republic..... | 2,950 | 100.0 | 16.1 | 16.3 | 8.5 | 22.8 | 15.9 | 5.3 | 8.4 | 1.1 | 2.8 | 2.3 | 0.0 | 0.6 |
| Estonia..... | 368 | 100.0 | 13.9 | 12.2 | 11.1 | 10.5 | 17.6 | 11.7 | 11.2 | 3.8 | 1.8 | 3.9 | 1.7 | 0.5 |
| Georgia..... | 117 | 100.0 | 10.1 | 4.1 | 2.0 | 13.0 | 39.6 | 9.6 | 9.5 | 0.0 | 9.5 | 1.9 | 0.1 | 0.6 |
| Hungary..... | 2,503 | 100.0 | 26.4 | 14.4 | 5.4 | 20.0 | 16.0 | 3.0 | 7.6 | 0.8 | 4.2 | 1.6 | 0.2 | 0.4 |
| Kazakhstan..... | 128 | 100.0 | 3.4 | 5.4 | 2.4 | 43.9 | 24.5 | 3.8 | 8.7 | 0.0 | 6.6 | 1.2 | 0.0 | 0.0 |
| Latvia..... | 153 | 100.0 | 7.1 | 12.4 | 2.1 | 26.6 | 31.3 | 3.1 | 14.1 | 0.3 | 0.3 | 2.0 | 0.7 | 0.0 |
| Lithuania..... | 322 | 100.0 | 10.3 | 12.1 | 8.6 | 17.5 | 25.4 | 3.3 | 9.4 | 0.0 | 10.2 | 2.2 | 0.8 | 0.1 |
| Moldova..... | 78 | 100.0 | 1.9 | 4.3 | 4.3 | 25.8 | 55.7 | 0.0 | 5.8 | 0.0 | 1.0 | 1.3 | 0.0 | 0.0 |
| Poland..... | 6,770 | 100.0 | 15.5 | 8.7 | 6.1 | 25.4 | 26.8 | 4.1 | 8.7 | 0.4 | 3.4 | 0.7 | 0.1 | 0.1 |
| Romania..... | 988 | 100.0 | 3.6 | 3.0 | 1.1 | 39.3 | 29.6 | 3.0 | 10.9 | 0.2 | 8.5 | 0.7 | 0.0 | 0.3 |
| Russia..... | 15,782 | 100.0 | 3.5 | 7.6 | 3.5 | 27.2 | 35.6 | 8.0 | 8.5 | 0.8 | 3.5 | 1.6 | 0.1 | 0.2 |
| Slovakia..... | 943 | 100.0 | 13.1 | 16.7 | 6.0 | 19.9 | 21.4 | 3.3 | 6.8 | 2.3 | 2.4 | 7.5 | 0.1 | 0.5 |
| Ukraine..... | 2,089 | 100.0 | 3.4 | 4.2 | 2.0 | 21.6 | 45.0 | 4.7 | 15.5 | 0.2 | 3.0 | 0.3 | 0.0 | 0.0 |
| Uzbekistan..... | 192 | 100.0 | 2.9 | 2.0 | 2.7 | 36.2 | 46.1 | 2.9 | 3.8 | 0.5 | 1.9 | 0.5 | 0.5 | 0.0 |
| All others..... | 42 | 100.0 | 7.3 | 1.1 | 4.3 | 11.8 | 22.2 | 27.2 | 9.5 | 0.0 | 9.4 | 5.9 | 0.0 | 1.2 |
| Near East/North Africa..... | 13,465 | 100.0 | 27.3 | 9.5 | 6.5 | 16.3 | 14.9 | 3.6 | 11.3 | 1.9 | 3.6 | 2.4 | 1.0 | 1.7 |
| Algeria..... | 285 | 100.0 | 5.0 | 2.8 | 2.9 | 17.7 | 36.0 | 2.6 | 27.1 | 0.0 | 5.7 | 0.1 | 0.0 | 0.0 |
| Egypt..... | 1,720 | 100.0 | 18.6 | 5.7 | 5.4 | 31.0 | 17.1 | 4.5 | 15.6 | 0.0 | 1.0 | 0.4 | 0.1 | 0.4 |
| Iran..... | 1,806 | 100.0 | 18.2 | 4.0 | 5.1 | 39.3 | 13.6 | 2.7 | 12.8 | 0.7 | 2.3 | 0.7 | 0.1 | 0.3 |
| Israel..... | 6,941 | 100.0 | 32.3 | 13.0 | 6.9 | 7.4 | 14.9 | 3.2 | 7.3 | 3.1 | 3.9 | 3.7 | 1.6 | 2.7 |
| Jordan..... | 263 | 100.0 | 20.1 | 8.2 | 13.2 | 12.3 | 14.9 | 5.8 | 19.6 | 0.2 | 2.4 | 2.2 | 1.0 | 0.0 |
| Kuwait..... | 244 | 100.0 | 38.9 | 8.4 | 6.9 | 9.0 | 2.2 | 3.4 | 19.7 | 3.8 | 2.6 | 2.0 | 1.9 | 1.2 |
| Lebanon..... | 223 | 100.0 | 49.5 | 6.9 | 5.3 | 3.7 | 3.9 | 5.1 | 11.6 | 0.4 | 4.3 | 4.9 | 2.6 | 1.7 |
| Morocco..... | 428 | 100.0 | 15.1 | 5.3 | 7.2 | 21.5 | 22.3 | 6.2 | 11.1 | 0.1 | 10.9 | 0.4 | 0.0 | 0.0 |
| Oman..... | 114 | 100.0 | 25.3 | 7.4 | 10.8 | 9.6 | 12.8 | 7.3 | 21.1 | 1.3 | 3.7 | 0.3 | 0.0 | 0.4 |
| Saudi Arabia..... | 573 | 100.0 | 35.2 | 5.4 | 3.2 | 16.9 | 11.6 | 3.4 | 18.1 | 0.6 | 3.0 | 1.0 | 0.8 | 1.0 |
| Syria..... | 67 | 100.0 | 16.7 | 10.0 | 44.1 | 13.2 | 5.7 | 7.8 | 1.2 | 0.0 | 0.0 | 0.7 | 0.5 | 0.0 |
| Tunisia..... | 452 | 100.0 | 24.4 | 7.2 | 6.5 | 19.8 | 14.1 | 4.2 | 14.8 | 0.0 | 8.1 | 0.7 | 0.0 | 0.2 |
| United Arab Emirates..... | 193 | 100.0 | 25.2 | 12.1 | 5.8 | 6.5 | 7.8 | 4.7 | 20.6 | 2.9 | 4.8 | 3.5 | 1.5 | 4.7 |
| All others..... | 158 | 100.0 | 29.7 | 12.3 | 3.9 | 12.0 | 8.7 | 5.5 | 18.1 | 0.6 | 2.2 | 3.5 | 1.3 | 2.1 |
| Central/South America..... | 18,933 | 100.0 | 22.6 | 14.4 | 13.9 | 12.5 | 16.5 | 5.8 | 7.9 | 0.8 | 2.4 | 1.5 | 1.3 | 0.5 |
| Argentina..... | 3,086 | 100.0 | 21.3 | 15.2 | 18.7 | 13.4 | 14.5 | 6.7 | 5.7 | 0.5 | 1.9 | 1.4 | 0.4 | 0.3 |
| Brazil..... | 8,684 | 100.0 | 24.6 | 15.7 | 10.8 | 12.9 | 17.1 | 4.3 | 9.0 | 0.6 | 2.4 | 1.0 | 1.4 | 0.4 |
| Chile..... | 1,500 | 100.0 | 24.5 | 10.5 | 11.7 | 15.2 | 10.8 | 10.5 | 7.7 | 0.9 | 4.3 | 2.1 | 0.5 | 1.3 |
| Colombia..... | 337 | 100.0 | 25.2 | 14.3 | 17.1 | 8.9 | 15.7 | 3.4 | 6.2 | 2.3 | 2.4 | 2.6 | 1.5 | 0.5 |

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(Percent distribution)

| Region and country/economy | Articles (number) | All fields | Clinical medicine | Biomedical research | Biology | Chemistry | Physics | Earth/space sciences | Engineering/ technology | Mathematics | Psychology | Social sciences | Health sciences | Professional fields |
|----------------------------|----------------------|---------------|----------------------|------------------------|---------|-----------|---------|-------------------------|----------------------------|-------------|------------|--------------------|--------------------|------------------------|
| Costa Rica..... | 84 | 100.0 | 25.1 | 16.6 | 36.3 | 1.2 | 5.7 | 4.6 | 2.3 | 1.2 | 1.8 | 2.8 | 2.5 | 0.0 |
| Cuba..... | 264 | 100.0 | 24.3 | 19.4 | 12.4 | 13.5 | 17.7 | 1.6 | 7.4 | 0.5 | 0.9 | 1.3 | 0.9 | 0.0 |
| Mexico..... | 3,747 | 100.0 | 17.5 | 12.0 | 15.6 | 9.8 | 21.2 | 7.4 | 8.4 | 1.5 | 2.1 | 2.1 | 1.9 | 0.5 |
| Peru..... | 129 | 100.0 | 28.7 | 13.0 | 25.2 | 6.3 | 5.9 | 7.3 | 6.0 | 0.4 | 1.2 | 3.2 | 2.6 | 0.3 |
| Uruguay..... | 194 | 100.0 | 21.6 | 27.3 | 18.6 | 6.8 | 12.4 | 4.3 | 1.7 | 0.0 | 3.9 | 2.1 | 0.7 | 0.5 |
| Venezuela..... | 563 | 100.0 | 20.5 | 13.6 | 12.1 | 21.4 | 14.1 | 3.1 | 9.7 | 0.3 | 2.9 | 1.4 | 0.6 | 0.2 |
| All others..... | 908 | 100.0 | 22.9 | 12.9 | 18.9 | 15.7 | 10.7 | 5.5 | 6.9 | 0.8 | 2.0 | 2.3 | 0.9 | 0.4 |
| Sub-Saharan Africa..... | 4,219 | 100.0 | 26.4 | 11.3 | 23.3 | 7.5 | 4.5 | 7.9 | 5.2 | 1.9 | 1.3 | 5.8 | 2.2 | 2.7 |
| Botswana..... | 76 | 100.0 | 12.2 | 4.1 | 25.2 | 14.4 | 11.8 | 4.1 | 1.8 | 0.0 | 1.3 | 11.8 | 0.9 | 12.5 |
| Cameroon..... | 123 | 100.0 | 27.6 | 9.3 | 27.7 | 3.9 | 16.8 | 3.6 | 3.9 | 0.7 | 2.2 | 3.4 | 0.8 | 0.0 |
| Ethiopia..... | 99 | 100.0 | 30.0 | 9.9 | 37.4 | 2.4 | 1.0 | 7.8 | 0.5 | 0.0 | 0.0 | 6.1 | 2.4 | 2.5 |
| Ghana..... | 83 | 100.0 | 36.3 | 10.2 | 19.7 | 5.6 | 6.2 | 2.2 | 3.4 | 0.6 | 0.0 | 10.0 | 4.5 | 1.2 |
| Kenya..... | 258 | 100.0 | 32.0 | 11.9 | 32.4 | 1.5 | 0.8 | 8.0 | 1.2 | 0.8 | 0.0 | 7.5 | 1.6 | 2.4 |
| Nigeria..... | 384 | 100.0 | 29.1 | 9.0 | 32.2 | 6.0 | 3.6 | 4.9 | 3.3 | 0.6 | 0.4 | 5.5 | 2.2 | 3.3 |
| Senegal..... | 79 | 100.0 | 28.3 | 8.3 | 27.1 | 8.7 | 6.3 | 4.4 | 4.0 | 0.0 | 3.6 | 4.9 | 3.2 | 1.3 |
| South Africa..... | 2,364 | 100.0 | 21.3 | 12.6 | 18.4 | 10.4 | 5.0 | 9.9 | 7.4 | 3.0 | 1.7 | 5.6 | 1.6 | 3.1 |
| Tanzania..... | 86 | 100.0 | 44.8 | 16.4 | 20.0 | 1.5 | 2.3 | 6.1 | 0.0 | 0.0 | 1.2 | 4.0 | 3.7 | 0.0 |
| Uganda..... | 90 | 100.0 | 35.3 | 7.0 | 32.1 | 0.0 | 0.0 | 5.0 | 1.1 | 1.7 | 0.0 | 6.5 | 10.7 | 0.6 |
| Zimbabwe..... | 96 | 100.0 | 34.9 | 7.6 | 30.7 | 0.5 | 2.1 | 5.5 | 2.6 | 0.7 | 0.9 | 10.1 | 1.2 | 3.1 |
| All others..... | 481 | 100.0 | 38.8 | 9.2 | 28.4 | 2.5 | 2.6 | 4.5 | 2.7 | 0.7 | 1.6 | 4.3 | 3.7 | 1.1 |
| Other | | | | | | | | | | | | | | |
| Australia..... | 15,809 | 100.0 | 30.2 | 12.3 | 14.9 | 7.3 | 6.8 | 7.5 | 6.6 | 3.7 | 1.4 | 4.2 | 2.4 | 2.6 |
| Canada..... | 24,803 | 100.0 | 29.0 | 14.6 | 9.9 | 8.0 | 7.3 | 6.9 | 8.6 | 3.9 | 2.0 | 4.6 | 2.6 | 2.4 |
| New Zealand..... | 3,034 | 100.0 | 25.3 | 9.5 | 23.5 | 5.3 | 4.2 | 10.1 | 5.1 | 4.8 | 1.5 | 4.9 | 1.7 | 4.2 |
| All others..... | 52 | 100.0 | 31.4 | 12.3 | 23.8 | 4.2 | 0.0 | 8.9 | 5.4 | 1.0 | 2.9 | 9.6 | 0.0 | 0.5 |

EU = European Union; USSR = Union of Soviet Socialist Republics

NOTES: Publication counts from set of journals classified and covered by *Science Citation Index (SCI)* and *Social Sciences Citation Index (SSCI)*. Articles assigned to region/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. Countries with article output <0.0% of world output in 2003 grouped in "all others" except Luxembourg. China includes Hong Kong.

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