

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                      | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|--|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|  |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>All degree levels<sup>1</sup></b>               |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>All occupations, total<sup>2</sup></b> .....    | \$50,000             | \$54,000          | \$55,000 | \$50,000      | \$38,500   | \$40,000                | \$43,000                 | \$37,100 | \$48,000   | \$55,000 | \$42,000    |
| <b>S&amp;E occupations, total</b> .....            | 55,000               | 58,000            | 59,000   | 60,000        | 46,000     | 44,000                  | 44,500                   | 43,000   | 52,000     | 57,000   | 46,000      |
| <b>Scientists, total</b> .....                     | 52,000               | 55,700            | 57,000   | 60,000        | 43,500     | 43,000                  | 43,000                   | 43,000   | 50,000     | 55,000   | 41,000      |
| <b>Computer/math sci, total</b> .....              | 56,000               | 58,000            | 59,000   | 60,000        | 52,000     | 44,000                  | 45,000                   | 43,000   | 52,000     | 56,000   | 45,000      |
| Computer/information scientists .....              | 56,000               | 58,000            | 59,000   | 60,000        | 52,000     | 43,000                  | 43,000                   | 43,000   | 50,000     | 54,000   | 45,000      |
| Mathematical scientists .....                      | 59,800               | 60,000            | 60,000   | S             | 63,000     | 40,000                  | 40,000                   | S        | 60,000     | 60,000   | 45,000      |
| Postsecondary teachers-computer math sci .....     | 45,000               | S                 | S        | S             | S          | 45,000                  | 47,000                   | 40,000   | S          | S        | S           |
| <b>Life/related scientists, total</b> ..           | 44,000               | 48,000            | 49,000   | 48,000        | 42,000     | 40,000                  | 40,000                   | 42,000   | 44,000     | 49,900   | 38,000      |
| Agricultural/food scientists ....                  | 41,000               | 42,000            | 42,000   | 44,000        | S          | 32,000                  | 32,000                   | S        | 40,000     | 53,000   | 35,000      |
| Biological scientists .....                        | 41,000               | 50,000            | 50,000   | 52,000        | 44,000     | 30,000                  | 30,000                   | 39,000   | 45,000     | 50,000   | 40,000      |
| Environmental life scientists ..                   | 45,000               | 48,000            | 48,000   | S             | S          | 57,400                  | 57,400                   | S        | 44,000     | 48,000   | 30,800      |
| Postsecondary teachers-life/related sciences ..... | 52,000               | S                 | S        | S             | S          | 52,000                  | 56,000                   | 42,000   | S          | S        | S           |
| <b>Physical/related scientists, total</b> .....    | 50,000               | 52,500            | 52,000   | 60,000        | 52,000     | 41,000                  | 42,000                   | 40,000   | 50,100     | 56,000   | 41,600      |
| Chemistry, except biochemistry .....               | 48,500               | 50,000            | 50,600   | S             | 50,000     | 22,500                  | 22,000                   | S        | 48,800     | 57,000   | 42,000      |
| Earth scientists/geologists/oceanographers .....   | 50,000               | 55,000            | 53,000   | 70,000        | 60,800     | 37,600                  | 37,600                   | S        | 50,000     | 52,000   | 44,300      |
| Physicists/astronomers .....                       | 63,000               | 72,000            | 72,000   | S             | 70,000     | 35,000                  | 35,000                   | S        | 67,000     | 69,000   | S           |
| Other physical/related scientists .....            | 45,000               | 45,000            | 45,000   | S             | S          | S                       | S                        | S        | 52,000     | 58,000   | 35,000      |
| Postsecondary teachers-physical/related sci .....  | 50,000               | S                 | S        | S             | S          | 50,000                  | 52,000                   | 41,000   | S          | S        | S           |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                    | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|--|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|  |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>All degree levels<sup>1</sup> — continued</b> |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>Social/related scientists, total</b> .....    | \$45,000             | \$40,000          | \$45,000 | \$60,000      | \$30,000   | \$45,000                | \$45,000                 | \$45,000 | \$50,000   | \$59,500 | \$42,000    |
| Economists .....                                 | 57,000               | 57,200            | 60,000   | S             | 53,500     | 45,000                  | 43,000                   | S        | 58,000     | 65,000   | 52,100      |
| Political/related scientists .....               | 32,000               | 35,000            | S        | S             | S          | S                       | S                        | S        | 30,000     | 65,000   | S           |
| Psychologists .....                              | 40,000               | 35,000            | 40,000   | 60,000        | 29,000     | 42,000                  | 31,000                   | 45,000   | 48,000     | 59,000   | 44,000      |
| Sociologists/anthropologists ..                  | 30,000               | 25,000            | 24,000   | S             | 30,000     | 16,900                  | 16,900                   | S        | 35,000     | 40,000   | 35,000      |
| Other social/related scientists                  | 50,000               | 53,500            | 53,500   | S             | 59,800     | 45,000                  | 43,000                   | S        | 34,000     | 58,000   | S           |
| Postsecondary teachers-social/related sci .....  | 49,000               | S                 | S        | S             | S          | 48,000                  | 50,000                   | 42,000   | S          | S        | S           |
| <b>Engineers, total</b> .....                    | 60,000               | 60,000            | 60,000   | 60,000        | 65,000     | 50,000                  | 52,600                   | 48,000   | 56,000     | 60,000   | 50,000      |
| Aerospace/related engineers ..                   | 65,000               | 65,000            | 65,000   | S             | 71,500     | 90,900                  | 91,000                   | S        | 62,000     | 62,000   | S           |
| Chemical engineers .....                         | 65,000               | 65,000            | 65,000   | S             | S          | 17,000                  | 17,000                   | S        | 60,000     | 66,000   | S           |
| Civil/architectural engineers ....               | 53,100               | 54,100            | 54,100   | 60,000        | S          | 44,900                  | 32,000                   | S        | 52,000     | 59,300   | 50,000      |
| Electrical/related engineers .....               | 61,500               | 62,000            | 62,000   | 90,000        | 67,700     | 41,100                  | 42,000                   | S        | 60,000     | 60,000   | 55,000      |
| Industrial engineers .....                       | 53,000               | 52,800            | 52,800   | S             | S          | S                       | S                        | S        | 55,400     | 58,400   | S           |
| Mechanical engineers .....                       | 58,000               | 58,500            | 58,100   | 60,000        | 46,000     | 48,000                  | 48,000                   | S        | 57,000     | 57,000   | 59,000      |
| Other engineers .....                            | 59,200               | 60,000            | 60,000   | 50,000        | 62,000     | 36,000                  | 36,000                   | S        | 54,200     | 60,000   | 46,100      |
| Postsecondary teachers-engineers .....           | 60,000               | S                 | S        | S             | S          | 60,000                  | 62,000                   | 48,000   | S          | S        | S           |
| <b>Non-S&amp;E occupations, total</b> .....      | 46,000               | 50,000            | 52,000   | 50,000        | 36,700     | 38,000                  | 42,000                   | 36,000   | 44,400     | 50,000   | 41,000      |
| Managers/administrators .....                    | 62,000               | 66,000            | 70,000   | 54,000        | 51,000     | 54,000                  | 55,000                   | 53,200   | 54,500     | 65,000   | 50,000      |
| Health/related .....                             | 57,500               | 70,000            | 73,000   | 100,000       | 45,000     | 40,000                  | 40,000                   | 44,000   | 41,000     | 53,000   | 36,500      |
| Teachers, except S&E postsecondary .....         | 36,000               | 30,000            | 38,000   | S             | 26,000     | 36,000                  | 49,800                   | 35,000   | 39,000     | 40,000   | 39,000      |
| Sales/marketing .....                            | 45,000               | 45,000            | 46,000   | 40,000        | 32,500     | 30,000                  | S                        | S        | 39,200     | S        | 37,600      |
| Other non-S&E occupations .....                  | 37,000               | 37,500            | 40,000   | 40,000        | 28,000     | 31,000                  | 30,000                   | 33,000   | 39,800     | 43,500   | 37,000      |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                      | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|--|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|  |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Bachelor's</b>                                  |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>All occupations, total<sup>2</sup></b> .....    | \$45,000             | \$48,000          | \$50,000 | \$40,000      | \$33,000   | \$30,000                | \$30,000                 | \$29,000 | \$42,500   | \$49,500 | \$39,000    |
| <b>S&amp;E occupations, total</b> .....            | 52,000               | 55,000            | 55,000   | 60,000        | 44,000     | 27,000                  | 24,000                   | 36,000   | 50,000     | 54,400   | 45,000      |
| <b>Scientists, total</b> .....                     | 50,000               | 52,000            | 52,500   | 52,000        | 41,500     | 25,000                  | 23,000                   | 36,000   | 45,000     | 50,000   | 40,000      |
| <b>Computer/math sci, total</b> .....              | 54,000               | 55,000            | 55,000   | 60,000        | 47,000     | 39,200                  | 39,200                   | 39,200   | 50,000     | 53,000   | 44,000      |
| Computer/information scientists .....              | 54,000               | 55,000            | 55,000   | 60,000        | 47,000     | 41,000                  | 41,000                   | 40,000   | 49,400     | 51,500   | 44,000      |
| Mathematical scientists .....                      | 52,500               | 47,500            | 47,500   | S             | S          | S                       | S                        | S        | 59,800     | 60,000   | S           |
| Postsecondary teachers-computer math sci .....     | 27,000               | S                 | S        | S             | S          | 26,000                  | S                        | S        | S          | S        | S           |
| <b>Life/related scientists, total</b> ..           | 36,000               | 40,000            | 40,000   | S             | S          | 20,900                  | 20,000                   | S        | 40,000     | 44,000   | 37,000      |
| Agricultural/food scientists ....                  | 37,000               | 40,000            | 40,000   | S             | S          | S                       | S                        | S        | 37,000     | S        | S           |
| Biological scientists .....                        | 35,000               | 40,000            | 40,000   | S             | S          | 20,000                  | 20,000                   | S        | 40,000     | 41,000   | 38,000      |
| Environmental life scientists ..                   | 41,000               | S                 | S        | S             | S          | S                       | S                        | S        | 41,100     | 45,000   | S           |
| Postsecondary teachers-life/related sciences ..... | 28,000               | S                 | S        | S             | S          | 28,000                  | 15,500                   | S        | S          | S        | S           |
| <b>Physical/related scientists, total</b> .....    | 42,000               | 45,000            | 45,000   | S             | S          | 15,000                  | 15,000                   | S        | 45,000     | 50,000   | 41,000      |
| Chemistry, except biochemistry .....               | 41,300               | 42,000            | 42,000   | S             | S          | 15,000                  | 15,000                   | S        | 45,000     | 49,000   | 42,000      |
| Earth scientists/geologists/oceanographers .....   | 46,500               | 50,000            | 48,000   | S             | S          | 20,000                  | 20,000                   | S        | 45,000     | 46,500   | 44,300      |
| Physicists/astronomers .....                       | 42,000               | 57,000            | S        | S             | S          | 14,100                  | 14,100                   | S        | S          | S        | S           |
| Other physical/related scientists .....            | 37,500               | 34,300            | 35,000   | S             | S          | S                       | S                        | S        | 41,000     | S        | S           |
| Postsecondary teachers-physical/related sci .....  | 14,500               | S                 | S        | S             | S          | 14,500                  | 14,000                   | S        | S          | S        | S           |

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**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                   | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|---|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|   |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Bachelor's — continued</b>                   |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>Social/related scientists, total</b> .....   | \$25,000             | \$25,200          | \$26,000 | S             | \$24,000   | \$18,700                | \$16,000                 | S        | \$40,000   | S        | \$30,000    |
| Economists .....                                | 45,000               | 39,000            | 38,000   | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Political/related scientists .....              | 30,000               | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Psychologists .....                             | 22,000               | 22,000            | 20,400   | S             | 23,000     | 20,800                  | S                        | S        | S          | S        | S           |
| Sociologists/anthropologists ..                 | 20,000               | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Other social/related scientists                 | S                    | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Postsecondary teachers-social/related sci ..... | S                    | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| <b>Engineers, total</b> .....                   | 55,000               | 56,000            | 56,000   | \$60,000      | 51,000     | 40,000                  | 38,000                   | \$42,000 | 55,000     | \$58,400 | 50,000      |
| Aerospace/related engineers ..                  | 61,000               | 61,000            | 60,000   | S             | S          | S                       | S                        | S        | 60,000     | 60,000   | S           |
| Chemical engineers .....                        | 62,000               | 63,000            | 63,000   | S             | S          | 15,000                  | 15,000                   | S        | S          | S        | S           |
| Civil/architectural engineers ....              | 51,000               | 51,100            | 52,000   | 50,000        | S          | 43,100                  | S                        | S        | 51,000     | 59,000   | 50,000      |
| Electrical/related engineers .....              | 60,000               | 60,000            | 60,000   | S             | 57,000     | 40,000                  | 40,000                   | S        | 60,000     | 60,000   | 55,000      |
| Industrial engineers .....                      | 52,000               | 50,000            | 50,000   | S             | S          | S                       | S                        | S        | 55,000     | 57,200   | S           |
| Mechanical engineers .....                      | 55,000               | 55,000            | 55,000   | 60,000        | S          | S                       | S                        | S        | 55,000     | 55,000   | 59,000      |
| Other engineers .....                           | 55,000               | 57,000            | 57,200   | S             | S          | 30,000                  | 30,000                   | S        | 52,000     | 55,000   | 45,000      |
| Postsecondary teachers-engineers .....          | 35,000               | S                 | S        | S             | S          | 33,000                  | S                        | S        | S          | S        | S           |
| <b>Non-S&amp;E occupations, total</b> .....     | 40,000               | 42,000            | 45,000   | 36,300        | 30,000     | 30,000                  | 33,000                   | 29,000   | 39,000     | 43,200   | 36,000      |
| Managers/administrators .....                   | 56,000               | 60,000            | 60,000   | 50,000        | 45,000     | 44,000                  | 47,000                   | 38,000   | 50,000     | 55,400   | 48,000      |
| Health/related .....                            | 37,000               | 38,500            | 37,000   | 65,000        | 40,000     | 35,000                  | 35,000                   | S        | 34,000     | 36,800   | 32,000      |
| Teachers, except S&E postsecondary .....        | 29,500               | 32,000            | 36,400   | S             | S          | 29,000                  | 16,500                   | 29,000   | 27,000     | S        | S           |
| Sales/marketing .....                           | 42,000               | 42,000            | 43,400   | 40,000        | 30,000     | 30,000                  | S                        | S        | 37,600     | S        | 37,000      |
| Other non-S&E occupations .....                 | 32,000               | 32,000            | 34,000   | 34,000        | 24,000     | 25,000                  | 26,000                   | 24,000   | 36,000     | 39,800   | 33,000      |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                      | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|--|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|  |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Master's</b>                                    |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>All occupations, total<sup>2</sup></b> .....    | \$53,000             | \$61,000          | \$65,000 | \$50,000      | \$40,000   | \$42,000                | \$37,200                 | \$43,500 | \$50,000   | \$60,000 | \$45,400    |
| <b>S&amp;E occupations, total</b> .....            | 59,000               | 63,000            | 64,000   | 60,000        | 48,000     | 39,600                  | 33,000                   | 45,000   | 54,000     | 60,000   | 45,500      |
| <b>Scientists, total</b> .....                     | 54,000               | 60,000            | 62,000   | 55,000        | 36,000     | 39,000                  | 33,000                   | 45,000   | 50,000     | 56,000   | 41,000      |
| <b>Computer/math sci, total</b> .....              | 60,000               | 65,000            | 65,000   | 65,000        | 62,400     | 40,000                  | 38,000                   | 45,000   | 55,000     | 60,000   | 45,000      |
| Computer/information scientists .....              | 62,000               | 65,000            | 65,000   | 65,000        | 64,000     | 45,000                  | 44,000                   | 50,000   | 55,000     | 58,000   | 45,000      |
| Mathematical scientists .....                      | 60,000               | 63,000            | 64,000   | S             | S          | S                       | S                        | S        | 60,000     | 60,000   | S           |
| Postsecondary teachers-computer math sci .....     | 35,000               | S                 | S        | S             | S          | 35,000                  | 32,000                   | 45,000   | S          | S        | S           |
| <b>Life/related scientists, total</b> ..           | 42,000               | 49,000            | 51,000   | S             | S          | 34,000                  | 31,000                   | 42,000   | 44,000     | 50,500   | 39,000      |
| Agricultural/food scientists ....                  | 40,000               | 45,000            | 48,000   | S             | S          | 30,000                  | 30,000                   | S        | 36,100     | S        | S           |
| Biological scientists .....                        | 42,000               | 48,900            | 50,000   | S             | S          | 30,000                  | 30,000                   | S        | 44,000     | 50,000   | 42,000      |
| Environmental life scientists ..                   | 52,000               | S                 | S        | S             | S          | S                       | S                        | S        | 50,000     | S        | S           |
| Postsecondary teachers-life/related sciences ..... | 37,500               | S                 | S        | S             | S          | 37,000                  | 32,500                   | 42,000   | S          | S        | S           |
| <b>Physical/related scientists, total</b> .....    | 51,000               | 58,000            | 58,000   | S             | S          | 35,000                  | 30,000                   | 41,000   | 51,000     | 57,000   | 42,000      |
| Chemistry, except biochemistry .....               | 50,000               | 55,000            | 55,000   | S             | S          | 16,000                  | 16,000                   | S        | 46,700     | S        | 44,000      |
| Earth scientists/geologists/oceanographers .....   | 53,000               | 60,700            | 61,000   | S             | S          | 34,000                  | 30,000                   | S        | 48,000     | 52,000   | 42,000      |
| Physicists/astronomers .....                       | 58,000               | 66,900            | 66,900   | S             | S          | 17,000                  | 17,000                   | S        | 65,000     | 65,000   | S           |
| Other physical/related scientists .....            | 50,000               | 50,000            | 50,000   | S             | S          | S                       | S                        | S        | 54,000     | S        | S           |
| Postsecondary teachers-physical/related sci .....  | 41,000               | S                 | S        | S             | S          | 41,000                  | 35,900                   | 41,000   | S          | S        | S           |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                   | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|---|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|   |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Master's — continued</b>                     |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>Social/related scientists, total</b> .....   | \$41,100             | \$40,000          | \$48,000 | \$48,000      | \$29,000   | \$41,000                | \$30,000                 | \$45,000 | \$46,000   | \$59,500 | \$37,000    |
| Economists .....                                | 62,500               | 63,000            | 63,000   | S             | S          | S                       | S                        | S        | 59,500     | 65,000   | S           |
| Political/related scientists .....              | 36,000               | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Psychologists .....                             | 40,000               | 34,000            | 40,000   | 45,000        | 28,000     | 45,000                  | 32,000                   | 46,000   | 38,000     | S        | 36,000      |
| Sociologists/anthropologists ..                 | 33,500               | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Other social/related scientists                 | S                    | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Postsecondary teachers-social/related sci ..... | 38,000               | S                 | S        | S             | S          | 35,800                  | 33,000                   | 42,000   | S          | S        | S           |
| <b>Engineers, total</b> .....                   | 63,600               | 65,000            | 65,000   | 70,000        | 70,000     | 47,000                  | 39,000                   | 48,000   | 60,000     | 62,000   | 52,000      |
| Aerospace/related engineers ..                  | 68,000               | 70,000            | 70,000   | S             | S          | S                       | S                        | S        | 63,500     | 63,500   | S           |
| Chemical engineers .....                        | 70,000               | 70,000            | 70,000   | S             | S          | 18,000                  | 18,000                   | S        | S          | S        | S           |
| Civil/architectural engineers ....              | 60,000               | 60,000            | 60,000   | S             | S          | S                       | S                        | S        | 55,000     | 60,000   | 54,000      |
| Electrical/related engineers .....              | 69,000               | 70,000            | 70,000   | S             | 75,000     | 30,000                  | 30,000                   | S        | 60,000     | 60,000   | 55,000      |
| Industrial engineers .....                      | 58,000               | 58,000            | 57,100   | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Mechanical engineers .....                      | 60,000               | 62,000            | 62,000   | S             | S          | 45,000                  | 45,000                   | S        | 58,000     | 58,000   | S           |
| Other engineers .....                           | 62,000               | 65,000            | 65,000   | S             | S          | 31,000                  | 31,000                   | S        | 60,000     | 65,000   | 50,000      |
| Postsecondary teachers-engineers .....          | 48,000               | S                 | S        | S             | S          | 48,000                  | 47,000                   | S        | S          | S        | S           |
| <b>Non-S&amp;E occupations, total</b> .....     | 50,000               | 60,000            | 66,000   | 48,000        | 40,000     | 43,000                  | 40,000                   | 43,000   | 50,000     | 60,000   | 45,400      |
| Managers/administrators .....                   | 68,000               | 75,000            | 79,500   | 60,000        | 54,000     | 54,600                  | 55,000                   | 54,000   | 59,800     | 70,000   | 50,400      |
| Health/related .....                            | 41,400               | 45,000            | 45,000   | S             | 42,000     | 38,000                  | 38,000                   | S        | 39,000     | 46,300   | 35,500      |
| Teachers, except S&E postsecondary .....        | 41,000               | 30,000            | S        | S             | S          | 41,200                  | 40,000                   | 41,600   | 44,000     | S        | S           |
| Sales/marketing .....                           | 60,000               | 60,000            | 64,000   | 48,000        | S          | S                       | S                        | S        | S          | S        | S           |
| Other non-S&E occupations .....                 | 40,000               | 38,000            | 42,000   | 40,000        | 30,000     | 39,500                  | 34,000                   | 40,000   | 42,500     | 49,500   | 40,000      |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                      | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|--|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|  |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Doctorate</b>                                   |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>All occupations, total<sup>2</sup></b> .....    | \$63,000             | \$74,700          | \$76,000 | \$60,000      | \$58,000   | \$55,000                | \$55,000                 | \$52,000 | \$65,000   | \$70,200 | \$53,700    |
| <b>S&amp;E occupations, total</b> .....            | 62,000               | 72,700            | 75,000   | 70,000        | 60,000     | 54,000                  | 54,000                   | 49,200   | 63,400     | 69,000   | 51,000      |
| <b>Scientists, total</b> .....                     | 60,000               | 71,000            | 74,000   | 70,000        | 59,000     | 52,000                  | 52,000                   | 49,200   | 62,000     | 68,000   | 51,000      |
| <b>Computer/math sci, total</b> .....              | 65,000               | 76,000            | 77,000   | 60,000        | 70,000     | 55,000                  | 56,000                   | 50,000   | 65,000     | 70,000   | 54,000      |
| Computer/information scientists .....              | 74,900               | 76,000            | 76,000   | 60,000        | 70,000     | 56,000                  | 57,000                   | S        | 66,000     | 70,000   | S           |
| Mathematical scientists .....                      | 70,000               | 80,100            | 81,000   | S             | 80,000     | 57,000                  | 57,000                   | S        | 65,000     | 69,000   | S           |
| Postsecondary teachers-computer math sci .....     | 55,000               | S                 | S        | S             | S          | 55,000                  | 55,000                   | 48,000   | S          | S        | S           |
| <b>Life/related scientists, total</b> ..           | 57,500               | 70,000            | 72,000   | 50,000        | 55,000     | 52,000                  | 52,000                   | 46,000   | 61,000     | 64,000   | 46,000      |
| Agricultural/food scientists ....                  | 60,000               | 65,000            | 65,000   | S             | S          | 53,000                  | 53,000                   | S        | 60,000     | 62,000   | S           |
| Biological scientists .....                        | 55,000               | 70,000            | 74,000   | 50,000        | 54,000     | 38,500                  | 38,000                   | 45,000   | 62,000     | 65,000   | 51,000      |
| Environmental life scientists ..                   | 59,000               | 55,000            | S        | S             | S          | S                       | S                        | S        | 62,000     | 64,000   | S           |
| Postsecondary teachers-life/related sciences ..... | 58,000               | S                 | S        | S             | S          | 58,000                  | 60,000                   | 47,000   | S          | S        | S           |
| <b>Physical/related scientists, total</b> .....    | 65,000               | 73,600            | 74,000   | 55,000        | 73,000     | 53,000                  | 54,000                   | 40,000   | 72,000     | 73,200   | 50,900      |
| Chemistry, except biochemistry .....               | 70,000               | 72,100            | 72,800   | S             | 71,100     | 37,000                  | 36,000                   | S        | 67,000     | 70,000   | 52,000      |
| Earth scientists/geologists/oceanographers .....   | 62,000               | 66,000            | 65,000   | S             | 67,000     | 46,000                  | 48,000                   | S        | 72,000     | 74,900   | 47,000      |
| Physicists/astronomers .....                       | 73,000               | 80,000            | 80,000   | S             | 76,900     | 55,000                  | 56,000                   | S        | 75,000     | 75,000   | S           |
| Other physical/related scientists .....            | 77,800               | 78,000            | 75,000   | S             | S          | S                       | S                        | S        | 77,800     | 78,500   | S           |
| Postsecondary teachers-physical/related sci .....  | 55,000               | S                 | S        | S             | S          | 55,000                  | 55,000                   | 40,000   | S          | S        | S           |

See explanatory information, if any, and SOURCE at end of table.

**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation                   | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|---|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|   |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Doctorate — continued</b>                    |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>Social/related scientists, total</b> .....   | \$54,000             | \$65,000          | \$70,000 | \$70,000      | \$52,000   | \$50,000                | \$50,000                 | \$51,000 | \$56,000   | \$65,000 | \$52,000    |
| Economists .....                                | 73,000               | 82,000            | 90,000   | S             | 58,000     | 54,000                  | 54,000                   | S        | 72,000     | 73,000   | S           |
| Political/related scientists .....              | 75,000               | S                 | S        | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Psychologists .....                             | 55,000               | 62,000            | 65,000   | 74,900        | 50,000     | 46,000                  | 42,800                   | 52,000   | 55,000     | 61,000   | 52,000      |
| Sociologists/anthropologists ..                 | 50,900               | 66,000            | 60,000   | S             | 70,000     | 45,000                  | 46,000                   | S        | 50,000     | 56,000   | S           |
| Other social/related scientists                 | 52,400               | 65,000            | S        | S             | S          | 51,000                  | 51,000                   | S        | 54,800     | S        | S           |
| Postsecondary teachers-social/related sci ..... | 51,600               | S                 | S        | S             | S          | 51,500                  | 52,000                   | 45,000   | S          | S        | S           |
| <b>Engineers, total</b> .....                   | 72,000               | 75,000            | 75,000   | 65,000        | 78,000     | 65,000                  | 65,000                   | S        | 70,000     | 70,900   | 52,000      |
| Aerospace/related engineers ..                  | 78,500               | 80,000            | 80,000   | S             | 70,600     | 79,500                  | 79,500                   | S        | 78,000     | 78,000   | S           |
| Chemical engineers .....                        | 72,100               | 75,000            | 75,000   | S             | S          | 52,000                  | 52,000                   | S        | S          | S        | S           |
| Civil/architectural engineers ....              | 68,000               | 74,900            | 74,900   | S             | S          | 61,000                  | 65,000                   | S        | 52,000     | 77,000   | 48,000      |
| Electrical/related engineers .....              | 79,000               | 80,000            | 80,000   | S             | 88,000     | 74,900                  | 75,000                   | S        | 66,000     | 66,000   | S           |
| Industrial engineers .....                      | 72,000               | 72,000            | 72,100   | S             | S          | S                       | S                        | S        | S          | S        | S           |
| Mechanical engineers .....                      | 72,100               | 73,000            | 73,000   | S             | S          | 69,000                  | 69,000                   | S        | 70,200     | 70,200   | S           |
| Other engineers .....                           | 71,200               | 75,000            | 75,000   | S             | 88,400     | 55,000                  | 55,000                   | S        | 70,000     | 74,900   | 53,800      |
| Postsecondary teachers-engineers .....          | 65,000               | S                 | S        | S             | S          | 65,000                  | 65,000                   | S        | S          | S        | S           |

See explanatory information, if any, and SOURCE at end of table.



**Table G-2. Median annual salaries of U.S. scientists and engineers, by highest degree attained, occupation, and employment sector: 1997**

| Highest degree and occupation               | Employed S&Es, total | Business/industry |          |               |            | Educational institution |                          |          | Government |          |             |
|---|----------------------|-------------------|----------|---------------|------------|-------------------------|--------------------------|----------|------------|----------|-------------|
|   |                      | Total             | Profit   | Self-employed | Non-profit | Total                   | 4 yr. College/university | Other    | Total      | Federal  | State/local |
| <b>Doctorate — continued</b>                |                      |                   |          |               |            |                         |                          |          |            |          |             |
| <b>Non-S&amp;E occupations, total</b> ..... | \$65,000             | \$75,000          | \$85,000 | \$50,000      | \$53,000   | \$60,000                | \$60,000                 | \$58,000 | \$71,000   | \$82,900 | \$58,000    |
| Managers/administrators .....               | 83,500               | 90,000            | 96,000   | 45,000        | 68,000     | 77,100                  | 80,000                   | 73,700   | 77,400     | 90,000   | 59,500      |
| Health/related .....                        | 75,000               | 100,000           | 96,000   | 120,000       | 73,200     | 50,000                  | 48,000                   | 60,500   | 60,000     | 60,000   | 62,300      |
| Teachers, except S&E postsecondary .....    | 52,000               | 65,000            | 74,900   | S             | S          | 52,000                  | 54,000                   | 45,000   | S          | S        | S           |
| Sales/marketing .....                       | 70,000               | 70,000            | 72,000   | 60,000        | S          | S                       | S                        | S        | S          | S        | S           |
| Other non-S&E occupations .....             | 50,000               | 50,000            | 60,000   | 30,000        | 34,800     | 45,000                  | 45,000                   | 45,000   | 65,000     | 65,000   | 59,000      |

1 Includes professional degrees  
 2 Total excludes 18,700 individuals who reported never having worked.

**NOTES:** The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993, 1995 or 1997 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

**KEY:** S = Suppressed for reasons of confidentiality and/or data reliability

**SOURCE:** National Science Foundation/Science Resources Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)