

TABLE A-13. Standard errors for median annual salaries of full-time employed doctoral scientists and engineers, by occupation and primary or secondary work activities: 2008

(Dollars)

| Occupation | All full-time employed | Computer applications | Management/sales/administration | Professional services | R&D ^a | Teaching | Other |
|--|------------------------|-----------------------|---------------------------------|-----------------------|------------------|----------|--------|
| All occupations | 1,000 | 2,000 | 1,000 | 3,000 | 1,000 | 1,000 | 3,000 |
| Science occupations | 1,000 | 1,000 | 2,000 | 2,000 | 1,000 | 1,000 | 2,000 |
| Biological/agricultural/other life scientists | 1,000 | 7,000 | 1,000 | 5,000 | 2,000 | 2,000 | 3,000 |
| Agricultural/food scientists | 3,000 | D | 4,000 | 5,000 | 3,000 | D | 4,000 |
| Biochemists/biophysicists | 5,000 | 9,000 | 3,000 | 23,000 | 6,000 | D | 4,000 |
| Biological scientists | 3,000 | 14,000 | 3,000 | 7,000 | 3,000 | 2,000 | 7,000 |
| Forestry/conservation scientists | 4,000 | D | 8,000 | D | 4,000 | D | D |
| Medical scientists | 2,000 | 10,000 | 3,000 | 6,000 | 2,000 | 10,000 | 9,000 |
| Postsecondary teachers, agricultural/other natural sciences | 1,000 | D | 5,000 | D | 2,000 | 1,000 | D |
| Postsecondary teachers, biological sciences | 2,000 | D | 2,000 | 8,000 | 3,000 | 2,000 | 2,000 |
| Other biological/agricultural/life scientists | 5,000 | 8,000 | 8,000 | 13,000 | 5,000 | D | 8,000 |
| Computer and information scientists | 2,000 | 2,000 | 4,000 | 15,000 | 3,000 | 1,000 | 6,000 |
| Computer/information scientists | 2,000 | 2,000 | 3,000 | 13,000 | 3,000 | 11,000 | 9,000 |
| Postsecondary teachers, computer science | 2,000 | 7,000 | 5,000 | D | 3,000 | 1,000 | 6,000 |
| Mathematical scientists | 1,000 | 3,000 | 3,000 | 5,000 | 3,000 | 2,000 | 5,000 |
| Mathematical scientists | 4,000 | 2,000 | 5,000 | 5,000 | 5,000 | 15,000 | 5,000 |
| Postsecondary teachers, mathematics/statistics | 2,000 | 3,000 | 5,000 | D | 3,000 | 2,000 | 6,000 |
| Physical scientists | 2,000 | 4,000 | 2,000 | 6,000 | 2,000 | 2,000 | 3,000 |
| Chemists, except biochemists | 2,000 | 9,000 | 2,000 | 21,000 | 2,000 | 24,000 | 6,000 |
| Earth/atmospheric/ocean scientists | 2,000 | 7,000 | 4,000 | 3,000 | 2,000 | D | 13,000 |
| Physicists/astronomers | 3,000 | 4,000 | 4,000 | D | 2,000 | D | 8,000 |
| Postsecondary teachers, chemistry | 2,000 | D | 3,000 | D | 4,000 | 2,000 | 5,000 |
| Postsecondary teachers, physics | 4,000 | D | 4,000 | D | 3,000 | 4,000 | 6,000 |
| Postsecondary teachers, other physical sciences | 3,000 | D | 4,000 | D | 4,000 | 3,000 | 4,000 |
| Other physical scientists | 3,000 | 12,000 | 6,000 | D | 5,000 | D | 12,000 |
| Psychologists | 1,000 | 7,000 | 2,000 | 2,000 | 2,000 | 2,000 | 3,000 |
| Psychologists | 2,000 | 5,000 | 2,000 | 2,000 | 4,000 | 6,000 | 3,000 |
| Postsecondary teachers, psychology | 1,000 | D | 2,000 | 3,000 | 3,000 | 1,000 | 6,000 |
| Social scientists | 2,000 | 6,000 | 3,000 | 7,000 | 2,000 | 2,000 | 6,000 |
| Economists | 7,000 | 17,000 | 6,000 | 15,000 | 6,000 | D | 17,000 |
| Political scientists | 7,000 | D | 13,000 | D | 8,000 | D | D |
| Postsecondary teachers, economics | 3,000 | D | 5,000 | D | 6,000 | 3,000 | 10,000 |
| Postsecondary teachers, political science | 3,000 | D | 7,000 | D | 2,000 | 3,000 | 6,000 |
| Postsecondary teachers, sociology | 2,000 | D | 5,000 | D | 3,000 | 2,000 | 9,000 |
| Postsecondary teachers, other social sciences | 2,000 | D | 3,000 | D | 3,000 | 2,000 | 9,000 |
| Sociologists/anthropologists | 3,000 | D | 5,000 | D | 4,000 | D | 9,000 |
| Other social scientists | 4,000 | 28,000 | 5,000 | 12,000 | 4,000 | 11,000 | 20,000 |
| Engineering occupations | 2,000 | 5,000 | 2,000 | 5,000 | 2,000 | 2,000 | 3,000 |
| Aerospace/aeronautical/astronautical engineers | 2,000 | 7,000 | 4,000 | D | 2,000 | D | D |
| Chemical engineers | 3,000 | 9,000 | 3,000 | D | 4,000 | D | 4,000 |
| Civil/architectural/sanitary engineers | 6,000 | 12,000 | 5,000 | 12,000 | 6,000 | D | 8,000 |
| Electrical engineers | 1,000 | 3,000 | 3,000 | D | 1,000 | D | 4,000 |
| Materials/metallurgical engineers | 13,000 | D | 19,000 | D | 14,000 | D | D |
| Mechanical engineers | 3,000 | 5,000 | 3,000 | D | 2,000 | D | 20,000 |
| Postsecondary teachers, engineering | 3,000 | 10,000 | 5,000 | D | 2,000 | 3,000 | 7,000 |
| Other engineers | 3,000 | 4,000 | 4,000 | 9,000 | 3,000 | 14,000 | 5,000 |
| Science/engineering-related occupations | 2,000 | 6,000 | 3,000 | 6,000 | 4,000 | 2,000 | 5,000 |
| Health occupations, except postsecondary teachers and managers | 5,000 | 14,000 | 5,000 | 9,000 | 2,000 | 17,000 | 5,000 |
| Postsecondary teachers, health and related sciences | 4,000 | D | 3,000 | 10,000 | 3,000 | 3,000 | 6,000 |

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(Dollars)

| Occupation | All full-time employed | Computer applications | Management/sales/administration | Professional services | R&D ^a | Teaching | Other |
|---|------------------------|-----------------------|---------------------------------|-----------------------|------------------|----------|--------|
| Managers, including health | 4,000 | 12,000 | 3,000 | 13,000 | 4,000 | 21,000 | 7,000 |
| Precollege teachers | 3,000 | D | 3,000 | D | 3,000 | 3,000 | 7,000 |
| Technicians/technologists | 4,000 | 27,000 | 18,000 | D | 5,000 | D | 20,000 |
| Other S&E-related occupations | 28,000 | D | D | D | D | D | D |
| Non-science/non-engineering occupations | 3,000 | 6,000 | 3,000 | 4,000 | 4,000 | 2,000 | 4,000 |
| Arts/humanities-related occupations | 5,000 | D | 11,000 | 10,000 | 8,000 | 16,000 | 9,000 |
| Management-related occupations | 3,000 | 7,000 | 3,000 | 5,000 | 7,000 | 11,000 | 6,000 |
| Managers | 2,000 | 27,000 | 1,000 | 10,000 | 5,000 | 24,000 | 10,000 |
| Postsecondary teachers | 3,000 | D | 4,000 | 35,000 | 4,000 | 3,000 | 4,000 |
| Precollege/other teachers | 5,000 | D | 15,000 | D | D | 6,000 | D |
| Sales/marketing occupations | 6,000 | 5,000 | 5,000 | 16,000 | 9,000 | D | 26,000 |
| Social service-related occupations | 3,000 | D | 4,000 | 3,000 | 9,000 | 7,000 | 7,000 |
| Other non-S&E occupations | 6,000 | D | 11,000 | 9,000 | 4,000 | 8,000 | 5,000 |

D = standard error is not computed when value is suppressed to avoid disclosure of confidential information.

S&E = science and engineering.

^a R&D includes applied and basic research, design, and development.

NOTES: Standard errors of median annual salaries are for principal job and are rounded up to nearest \$1,000. If respondent reported more than one category of activity as primary or secondary work activity, respondent's salary appears in both categories.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2008.