TABLE 61
Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2019
(Dollars)

| Field of study, ethnicity, and race | All full-time employed |  | Full professor |  | Associate professor |  | Assistant professor |  | Instructor or lecturer |  | All other faculty |  | Rank not applicable |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE |
| All fields | 95,000 | 500 | 130,000 | 1,000 | 95,000 | 1,000 | 82,000 | 1,000 | 65,000 | 1,000 | 72,000 | 7,500 | 65,000 | 1,500 |
| Hispanic or Latino ${ }^{\text {a }}$ | 88,000 | 1,500 | 119,000 | 3,500 | 91,000 | 2,500 | 82,000 | 1,500 | 60,000 | 5,000 | S | S | 60,000 | 1,500 |
| Not Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native | 89,000 | 4,000 | 120,000 | 22,500 | 92,000 | 7,000 | 88,000 | 7,000 | D | D | D | D | D | D |
| Asian | 90,000 | 500 | 140,000 | 5,500 | 101,000 | 3,000 | 87,000 | 2,500 | 64,000 | 3,000 | 50,000 | 4,500 | 60,000 | 1,500 |
| Black or African American | 89,000 | 1,500 | 117,000 | 5,500 | 92,000 | 2,000 | 78,000 | 2,000 | 60,000 | 4,000 | D | D | 70,000 | 6,500 |
| White | 98,000 | 1,000 | 130,000 | 1,000 | 94,000 | 1,500 | 82,000 | 1,000 | 64,000 | 1,000 | 72,000 | 3,000 | 72,000 | 1,500 |
| Other race ${ }^{\text {c }}$ | 88,000 | 2,000 | 130,000 | 10,500 | 97,000 | 5,500 | 82,000 | 3,000 | 74,000 | 7,000 | D | D | 68,000 | 5,500 |
| Science | 92,000 | 1,000 | 128,000 | 2,500 | 92,000 | 1,000 | 80,000 | 1,500 | 63,000 | 1,500 | 67,000 | 10,000 | 65,000 | 500 |
| Hispanic or Latino ${ }^{\text {a }}$ | 86,000 | 2,500 | 120,000 | 3,500 | 90,000 | 1,500 | 80,000 | 1,500 | 62,000 | 5,000 | S | S | 60,000 | 1,500 |
| Not Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native | 83,000 | 8,000 | 94,000 | 31,500 | 92,000 | 6,500 | 71,000 | 9,500 | D | D | D | D | D | D |
| Asian | 88,000 | 2,500 | 130,000 | 6,500 | 99,000 | 1,500 | 87,000 | 2,500 | 59,000 | 1,500 | 48,000 | 6,500 | 58,000 | 1,500 |
| Black or African American | 87,000 | 2,000 | 116,000 | 4,500 | 90,000 | 1,500 | 76,000 | 3,000 | 58,000 | 4,000 | D | D | 68,000 | 5,000 |
| White | 95,000 | 500 | 129,000 | 2,000 | 90,000 | 1,000 | 80,000 | 1,000 | 64,000 | 1,500 | 68,000 | 8,000 | 70,000 | 2,500 |
| Other race ${ }^{\text {c }}$ | 86,000 | 2,000 | 123,000 | 8,000 | 97,000 | 7,500 | 81,000 | 2,500 | 71,000 | 5,000 | D | D | 63,000 | 6,000 |
| Biological, agricultural, and environmental life sciences | 90,000 | 500 | 140,000 | 3,500 | 101,000 | 2,000 | 85,000 | 1,000 | 65,000 | 1,500 | 75,000 | 6,000 | 60,000 | 500 |
| Hispanic or Latino ${ }^{\text {a }}$ | 81,000 | 3,000 | 138,000 | 25,000 | 101,000 | 9,500 | 84,000 | 2,500 | 62,000 | 8,000 | D | D | 57,000 | 1,500 |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American <br> Indian or <br> Alaska <br> Native | 91,000 | 5,000 | D | D | D | D | S | S | D | D | D | D | D | D |
| Asian | 80,000 | 2,000 | 149,000 | 9,000 | 117,000 | 3,500 | 90,000 | 2,000 | 63,000 | 3,000 | D | D | 55,000 | 1,500 |
| Black or African American | 86,000 | 3,000 | 120,000 | 13,000 | 100,000 | 5,500 | 84,000 | 4,000 | 59,000 | 5,500 | D | D | 57,000 | 2,500 |
| White | 93,000 | 2,000 | 139,000 | 3,500 | 98,000 | 2,000 | 83,000 | 1,500 | 65,000 | 2,500 | 73,000 | 7,500 | 63,000 | 2,000 |
| Other race ${ }^{\text {C }}$ | 80,000 | 3,500 | 141,000 | 13,500 | 97,000 | 17,000 | 87,000 | 11,500 | 85,000 | 35,000 | D | D | 53,000 | 2,500 |

TABLE 61
Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2019
(Dollars)

| Field of study, ethnicity, and race | All full-time employed |  | Full professor |  | Associate professor |  | Assistant professor |  | Instructor or lecturer |  | All other faculty |  | Rank not applicable |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE |
| Computer and information sciences | 109,000 | 3,500 | 138,000 | 7,500 | 104,000 | 6,000 | 99,000 | 3,000 | 82,000 | 12,000 | D | D | 104,000 | 12,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 100,000 | 15,500 | 178,000 | 47,500 | 116,000 | 13,500 | 77,000 | 2,000 | D | D | D | D | S | S |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American <br> Indian or <br> Alaska <br> Native | D | D | D | D | D | D | D | D | D | D | D | D | D | D |
| Asian | 100,000 | 5,500 | 144,000 | 8,500 | 97,000 | 4,500 | 99,000 | 5,000 | D | D | D | D | 75,000 | 21,000 |
| Black or African American | 91,000 | 14,000 | D | D | 106,000 | 8,000 | 81,000 | 6,000 | D | D | D | D | D | D |
| White | 111,000 | 3,000 | 129,000 | 7,000 | 104,000 | 7,500 | 99,000 | 2,000 | 82,000 | 12,500 | D | D | 117,000 | 9,500 |
| Other race ${ }^{\text {C }}$ | 141,000 | 44,000 | D | D | D | D | * | * | D | D | D | D | D | D |
| Mathematics and statistics | 90,000 | 1,000 | 110,000 | 3,000 | 85,000 | 2,500 | 72,000 | 3,000 | 59,000 | 2,500 | D | D | 77,000 | 9,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 95,000 | 8,000 | 134,000 | 14,000 | 84,000 | 6,000 | 73,000 | 9,500 | D | D | D | D | D | D |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native | D | D | D | D | D | D | D | D | D | D | D | D | D | D |
| Asian | 89,000 | 3,000 | 106,000 | 3,500 | 90,000 | 5,000 | 75,000 | 4,000 | 55,000 | 3,000 | D | D | 61,000 | 5,000 |
| Black or African American | 79,000 | 5,500 | 116,000 | 19,500 | 79,000 | 10,000 | 67,000 | 7,000 | D | D | D | D | D | D |
| White | 90,000 | 1,000 | 111,000 | 4,000 | 80,000 | 3,000 | 70,000 | 2,500 | 61,000 | 4,000 | D | D | 82,000 | 10,000 |
| Other race ${ }^{\text {C }}$ | 101,000 | 16,500 | * | * | S | S | D | D | D | D | D | D | D | D |
| Physical sciences, geosciences, atmospheric sciences, and ocean sciences | 90,000 | 500 | 126,000 | 3,000 | 87,000 | 2,500 | 76,000 | 2,500 | 60,000 | 2,000 | 59,000 | 17,500 | 70,000 | 2,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 80,000 | 2,500 | 101,000 | 20,000 | 79,000 | 3,500 | 75,000 | 4,500 | 51,000 | 11,000 | D | D | 66,000 | 8,000 |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

TABLE 61
Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2019
(Dollars)

| Field of study, ethnicity, and race | All full-time employed |  | Full professor |  | Associate professor |  | Assistant professor |  | Instructor or lecturer |  | All other faculty |  | Rank not applicable |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE |
| American <br> Indian or <br> Alaska <br> Native | D | D | D | D | D | D | D | D | D | D | D | D | D | D |
| Asian | 80,000 | 3,000 | 139,000 | 9,500 | 97,000 | 9,500 | 81,000 | 4,000 | 56,000 | 2,500 | D | D | 60,000 | 1,500 |
| Black or African American | 80,000 | 6,500 | 104,000 | 19,000 | 85,000 | 6,500 | 66,000 | 3,000 | 52,000 | 7,000 | D | D | 58,000 | 6,000 |
| White | 93,000 | 2,000 | 125,000 | 3,000 | 86,000 | 3,000 | 75,000 | 1,500 | 62,000 | 2,500 | 70,000 | 5,000 | 84,000 | 5,000 |
| Other race ${ }^{\text {c }}$ | 79,000 | 2,500 | 122,000 | 7,000 | 98,000 | 18,500 | 77,000 | 4,500 | D | D | D | D | 62,000 | 7,000 |
| Psychology | 92,000 | 2,000 | 125,000 | 2,500 | 89,000 | 1,500 | 76,000 | 2,500 | 64,000 | 4,500 | D | D | 81,000 | 2,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 86,000 | 4,000 | 108,000 | 4,500 | 85,000 | 5,000 | 76,000 | 6,000 | 79,000 | 7,000 | D | D | 75,000 | 11,000 |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native | D | D | D | D | D | D | D | D | D | D | D | D | D | D |
| Asian | 85,000 | 3,000 | 138,000 | 34,500 | 83,000 | 4,000 | 77,000 | 7,000 | 49,000 | 5,500 | D | D | 75,000 | 7,500 |
| Black or African American | 88,000 | 2,500 | 123,000 | 11,500 | 89,000 | 6,000 | 76,000 | 3,500 | S | S | D | D | 87,000 | 15,000 |
| White | 95,000 | 2,000 | 125,000 | 3,500 | 90,000 | 2,000 | 75,000 | 2,500 | 64,000 | 4,500 | D | D | 81,000 | 3,500 |
| Other race ${ }^{\text {C }}$ | 88,000 | 4,000 | 109,000 | 7,000 | 94,000 | 10,000 | 85,000 | 17,500 | D | D | D | D | 80,000 | 10,000 |
| Social sciences | 95,000 | 500 | 124,000 | 4,500 | 90,000 | 2,000 | 78,000 | 2,000 | 60,000 | 1,500 | D | D | 79,000 | 3,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 89,000 | 1,500 | 119,000 | 7,500 | 90,000 | 3,000 | 79,000 | 2,000 | 54,000 | 3,500 | D | D | 67,000 | 4,500 |
| Not <br> Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American <br> Indian or <br> Alaska <br> Native | 73,000 | 11,000 | S | S | 87,000 | 20,000 | 68,000 | 3,500 | D | D | D | D | D | D |
| Asian | 95,000 | 2,000 | 114,000 | 10,500 | 94,000 | 5,000 | 83,000 | 3,000 | 69,000 | 9,500 | D | D | 82,000 | 13,000 |
| Black or African American | 88,000 | 3,000 | 108,000 | 10,000 | 92,000 | 3,500 | 73,000 | 3,000 | 59,000 | 5,500 | D | D | 79,000 | 1,000 |
| White | 97,000 | 2,000 | 127,000 | 3,500 | 88,000 | 2,500 | 75,000 | 2,500 | 60,000 | 2,000 | D | D | 80,000 | 5,000 |
| Other race ${ }^{\text {C }}$ | 91,000 | 7,500 | 120,000 | 25,000 | 86,000 | 7,000 | 83,000 | 2,500 | D | D | D | D | 81,000 | 19,000 |
| Engineering | 108,000 | 2,000 | 144,000 | 3,500 | 107,000 | 2,000 | 89,000 | 500 | 76,000 | 3,500 | S | S | 71,000 | 4,500 |
| Hispanic or Latino ${ }^{\text {a }}$ | 95,000 | 4,000 | 108,000 | 9,000 | 102,000 | 6,500 | 87,000 | 3,000 | 47,000 | 13,000 | D | D | 75,000 | 9,500 |
| Not Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

TABLE 61
Median annual salaries of U.S. residing full-time employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, ethnicity, race, and faculty rank: 2019
(Dollars)

| Field of study, ethnicity, and race | All full-time employed |  | Full professor |  | Associate professor |  | Assistant professor |  | Instructor or lecturer |  | All other faculty |  | Rank not applicable |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE | Median salary | SE |
| American Indian or Alaska Native | D | D | S | S | D | D | D | D | D | D | D | D | D | D |
| Asian | 100,000 | 3,500 | 140,000 | 3,500 | 107,000 | 3,500 | 88,000 | 3,500 | 73,000 | 7,000 | D | D | 62,000 | 3,500 |
| Black or <br> African American | 100,000 | 4,500 | 139,000 | 15,500 | 109,000 | 6,500 | 88,000 | 3,500 | 72,000 | 13,000 | D | D | 60,000 | 12,500 |
| White | 111,000 | 2,500 | 150,000 | 3,000 | 106,000 | 2,000 | 90,000 | 1,000 | 78,000 | 4,500 | S | S | 95,000 | 7,500 |
| Other race ${ }^{\text {c }}$ | 90,000 | 9,500 | 130,000 | 21,000 | 115,000 | 21,000 | 89,000 | 3,500 | D | D | D | D | 79,000 | 5,000 |
| Health | 97,000 | 3,000 | 139,000 | 4,500 | 99,000 | 1,500 | 84,000 | 2,500 | 59,000 | 9,500 | S | S | 70,000 | 2,000 |
| Hispanic or Latino ${ }^{\text {a }}$ | 83,000 | 4,000 | 112,000 | 19,000 | 97,000 | 14,500 | 80,000 | 2,000 | D | D | D | D | 50,000 | 1,500 |
| Not Hispanic or Latino ${ }^{\text {b }}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| American Indian or Alaska Native | D | D | D | D | D | D | D | D | D | D | D | D | D | D |
| Asian | 89,000 | 5,000 | 163,000 | 33,000 | 100,000 | 3,000 | 85,000 | 5,000 | D | D | D | D | 61,000 | 9,500 |
| Black or <br> African American | 90,000 | 4,000 | 125,000 | 9,000 | 97,000 | 8,000 | 76,000 | 11,500 | D | D | D | D | 79,000 | 9,500 |
| White | 100,000 | 3,000 | 138,000 | 6,000 | 100,000 | 5,000 | 84,000 | 2,500 | 55,000 | 8,500 | S | S | 82,000 | 9,000 |
| Other race ${ }^{\text {c }}$ | 92,000 | 9,500 | S | S | 92,000 | 18,000 | 76,000 | 5,500 | D | D | D | D | S | S |

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.
${ }^{a}$ Hispanic or Latino may be of any race.
${ }^{\text {b }}$ American Indian or Alaska Native, Asian, Black or African American, and White are single race.
${ }^{c}$ Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

## Note(s):

Median annual salaries are for principal job and are rounded to nearest $\$ 1,000$. Standard errors are rounded up to the nearest $\$ 500$. Full time is based on working 35 or more hours per week. Four-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes. Residence location is based on reported living location on 1 February 2019.

## Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.

