<table>
<thead>
<tr>
<th>Field of study and sex</th>
<th>All employed</th>
<th>Tenured</th>
<th>Not tenured</th>
<th>Tenure not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>SE</td>
<td>Number</td>
<td>SE</td>
</tr>
<tr>
<td>All fields</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>340,950</td>
<td>2,450</td>
<td>157,000</td>
<td>1,775</td>
</tr>
<tr>
<td>Female</td>
<td>204,700</td>
<td>2,175</td>
<td>104,600</td>
<td>1,650</td>
</tr>
<tr>
<td>Science</td>
<td>136,250</td>
<td>1,375</td>
<td>52,400</td>
<td>1,000</td>
</tr>
<tr>
<td>Male</td>
<td>272,450</td>
<td>2,175</td>
<td>125,900</td>
<td>1,600</td>
</tr>
<tr>
<td>Female</td>
<td>160,900</td>
<td>1,875</td>
<td>82,550</td>
<td>1,350</td>
</tr>
<tr>
<td>Biological, agricultural, and environmental life sciences</td>
<td>111,550</td>
<td>1,300</td>
<td>43,350</td>
<td>925</td>
</tr>
<tr>
<td>Male</td>
<td>95,500</td>
<td>1,375</td>
<td>35,900</td>
<td>1,000</td>
</tr>
<tr>
<td>Female</td>
<td>53,800</td>
<td>1,150</td>
<td>23,850</td>
<td>875</td>
</tr>
<tr>
<td>Agricultural and food sciences</td>
<td>41,700</td>
<td>875</td>
<td>12,050</td>
<td>550</td>
</tr>
<tr>
<td>Male</td>
<td>7,350</td>
<td>350</td>
<td>3,700</td>
<td>250</td>
</tr>
<tr>
<td>Female</td>
<td>5,000</td>
<td>300</td>
<td>2,950</td>
<td>250</td>
</tr>
<tr>
<td>Biochemistry and biophysics</td>
<td>2,350</td>
<td>175</td>
<td>750</td>
<td>100</td>
</tr>
<tr>
<td>Male</td>
<td>11,150</td>
<td>550</td>
<td>4,500</td>
<td>375</td>
</tr>
<tr>
<td>Female</td>
<td>7,150</td>
<td>450</td>
<td>3,300</td>
<td>325</td>
</tr>
<tr>
<td>Cell, cellular biology, and molecular biology</td>
<td>4,050</td>
<td>325</td>
<td>1,250</td>
<td>200</td>
</tr>
<tr>
<td>Male</td>
<td>12,900</td>
<td>525</td>
<td>4,250</td>
<td>375</td>
</tr>
<tr>
<td>Female</td>
<td>6,850</td>
<td>450</td>
<td>2,450</td>
<td>325</td>
</tr>
<tr>
<td>Microbiological sciences and immunology</td>
<td>6,100</td>
<td>350</td>
<td>1,800</td>
<td>200</td>
</tr>
<tr>
<td>Male</td>
<td>4,050</td>
<td>325</td>
<td>1,250</td>
<td>200</td>
</tr>
<tr>
<td>Female</td>
<td>4,550</td>
<td>300</td>
<td>1,200</td>
<td>175</td>
</tr>
<tr>
<td>Zoology</td>
<td>3,600</td>
<td>200</td>
<td>1,500</td>
<td>150</td>
</tr>
<tr>
<td>Male</td>
<td>2,300</td>
<td>175</td>
<td>1,050</td>
<td>150</td>
</tr>
<tr>
<td>Female</td>
<td>1,300</td>
<td>100</td>
<td>450</td>
<td>75</td>
</tr>
<tr>
<td>Natural resources and conservation</td>
<td>2,350</td>
<td>175</td>
<td>1,150</td>
<td>175</td>
</tr>
<tr>
<td>Male</td>
<td>3,550</td>
<td>250</td>
<td>2,150</td>
<td>225</td>
</tr>
<tr>
<td>Female</td>
<td>2,350</td>
<td>225</td>
<td>1,650</td>
<td>200</td>
</tr>
<tr>
<td>Other biological sciences</td>
<td>1,200</td>
<td>125</td>
<td>500</td>
<td>100</td>
</tr>
<tr>
<td>Male</td>
<td>47,900</td>
<td>975</td>
<td>16,800</td>
<td>700</td>
</tr>
<tr>
<td>Female</td>
<td>25,700</td>
<td>750</td>
<td>10,650</td>
<td>525</td>
</tr>
<tr>
<td>Zoology</td>
<td>22,200</td>
<td>625</td>
<td>6,100</td>
<td>375</td>
</tr>
<tr>
<td>Male</td>
<td>11,850</td>
<td>450</td>
<td>6,100</td>
<td>400</td>
</tr>
<tr>
<td>Female</td>
<td>8,950</td>
<td>425</td>
<td>4,850</td>
<td>350</td>
</tr>
<tr>
<td>Mathematics and statistics</td>
<td>2,900</td>
<td>250</td>
<td>1,250</td>
<td>175</td>
</tr>
<tr>
<td>Male</td>
<td>20,250</td>
<td>625</td>
<td>11,650</td>
<td>475</td>
</tr>
<tr>
<td>Female</td>
<td>15,200</td>
<td>550</td>
<td>9,100</td>
<td>425</td>
</tr>
<tr>
<td>Computer and information sciences</td>
<td>5,050</td>
<td>300</td>
<td>2,550</td>
<td>225</td>
</tr>
<tr>
<td>Male</td>
<td>49,900</td>
<td>1,025</td>
<td>21,100</td>
<td>725</td>
</tr>
<tr>
<td>Female</td>
<td>33,250</td>
<td>825</td>
<td>16,050</td>
<td>625</td>
</tr>
<tr>
<td>Mathematics and statistics</td>
<td>12,600</td>
<td>525</td>
<td>5,050</td>
<td>325</td>
</tr>
<tr>
<td>Male</td>
<td>3,050</td>
<td>225</td>
<td>1,350</td>
<td>175</td>
</tr>
<tr>
<td>Female</td>
<td>2,200</td>
<td>200</td>
<td>1,100</td>
<td>175</td>
</tr>
<tr>
<td>Physics, geosciences, atmospheric sciences, and ocean sciences</td>
<td>850</td>
<td>100</td>
<td>250</td>
<td>50</td>
</tr>
<tr>
<td>Male</td>
<td>19,750</td>
<td>725</td>
<td>9,400</td>
<td>500</td>
</tr>
<tr>
<td>Female</td>
<td>13,850</td>
<td>600</td>
<td>6,750</td>
<td>400</td>
</tr>
<tr>
<td>Chemistry, except biochemistry</td>
<td>5,900</td>
<td>350</td>
<td>2,650</td>
<td>250</td>
</tr>
</tbody>
</table>
### Table 20

**U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by field of doctorate, sex, and tenure status: 2021**

(Numbers and SE)

<table>
<thead>
<tr>
<th>Field of study and sex</th>
<th>All employed</th>
<th>Tenured</th>
<th>Not tenured</th>
<th>Tenure not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>SE</td>
<td>Number</td>
<td>SE</td>
</tr>
<tr>
<td>Geosciences, atmospheric sciences, and ocean sciences</td>
<td>9,850</td>
<td>325</td>
<td>4,450</td>
<td>275</td>
</tr>
<tr>
<td>Male</td>
<td>6,300</td>
<td>300</td>
<td>3,150</td>
<td>250</td>
</tr>
<tr>
<td>Female</td>
<td>3,550</td>
<td>200</td>
<td>1,300</td>
<td>125</td>
</tr>
<tr>
<td>Physics</td>
<td>13,250</td>
<td>575</td>
<td>5,950</td>
<td>425</td>
</tr>
<tr>
<td>Male</td>
<td>10,900</td>
<td>525</td>
<td>5,050</td>
<td>400</td>
</tr>
<tr>
<td>Female</td>
<td>2,350</td>
<td>250</td>
<td>900</td>
<td>150</td>
</tr>
<tr>
<td>Psychology</td>
<td>38,700</td>
<td>800</td>
<td>17,750</td>
<td>650</td>
</tr>
<tr>
<td>Male</td>
<td>15,250</td>
<td>600</td>
<td>8,200</td>
<td>450</td>
</tr>
<tr>
<td>Female</td>
<td>23,450</td>
<td>650</td>
<td>9,550</td>
<td>475</td>
</tr>
<tr>
<td>Social sciences</td>
<td>60,250</td>
<td>950</td>
<td>33,500</td>
<td>725</td>
</tr>
<tr>
<td>Male</td>
<td>34,450</td>
<td>825</td>
<td>20,550</td>
<td>600</td>
</tr>
<tr>
<td>Female</td>
<td>25,800</td>
<td>650</td>
<td>12,950</td>
<td>525</td>
</tr>
<tr>
<td>Economics</td>
<td>14,300</td>
<td>575</td>
<td>8,450</td>
<td>475</td>
</tr>
<tr>
<td>Male</td>
<td>10,200</td>
<td>525</td>
<td>6,450</td>
<td>425</td>
</tr>
<tr>
<td>Female</td>
<td>4,100</td>
<td>325</td>
<td>2,000</td>
<td>225</td>
</tr>
<tr>
<td>Political science and government</td>
<td>12,900</td>
<td>500</td>
<td>7,450</td>
<td>400</td>
</tr>
<tr>
<td>Male</td>
<td>8,350</td>
<td>425</td>
<td>5,150</td>
<td>350</td>
</tr>
<tr>
<td>Female</td>
<td>4,500</td>
<td>300</td>
<td>2,300</td>
<td>225</td>
</tr>
<tr>
<td>Sociology, demography, and population studies</td>
<td>10,600</td>
<td>450</td>
<td>6,000</td>
<td>350</td>
</tr>
<tr>
<td>Male</td>
<td>4,950</td>
<td>325</td>
<td>2,900</td>
<td>275</td>
</tr>
<tr>
<td>Female</td>
<td>5,650</td>
<td>300</td>
<td>3,100</td>
<td>225</td>
</tr>
<tr>
<td>Other social sciences</td>
<td>22,450</td>
<td>500</td>
<td>11,550</td>
<td>375</td>
</tr>
<tr>
<td>Male</td>
<td>10,950</td>
<td>400</td>
<td>6,050</td>
<td>325</td>
</tr>
<tr>
<td>Female</td>
<td>11,500</td>
<td>375</td>
<td>5,500</td>
<td>300</td>
</tr>
<tr>
<td>Engineering</td>
<td>46,850</td>
<td>1,150</td>
<td>23,050</td>
<td>775</td>
</tr>
<tr>
<td>Male</td>
<td>36,500</td>
<td>1,025</td>
<td>19,050</td>
<td>750</td>
</tr>
<tr>
<td>Female</td>
<td>10,400</td>
<td>475</td>
<td>3,950</td>
<td>325</td>
</tr>
<tr>
<td>Aerospace, aeronautical, and astronautical engineering</td>
<td>1,700</td>
<td>200</td>
<td>900</td>
<td>175</td>
</tr>
<tr>
<td>Male</td>
<td>1,500</td>
<td>200</td>
<td>800</td>
<td>175</td>
</tr>
<tr>
<td>Female</td>
<td>200</td>
<td>50</td>
<td>100</td>
<td>25</td>
</tr>
<tr>
<td>Chemical engineering</td>
<td>3,750</td>
<td>375</td>
<td>1,850</td>
<td>225</td>
</tr>
<tr>
<td>Male</td>
<td>2,900</td>
<td>350</td>
<td>1,550</td>
<td>225</td>
</tr>
<tr>
<td>Female</td>
<td>850</td>
<td>150</td>
<td>350</td>
<td>100</td>
</tr>
<tr>
<td>Civil engineering</td>
<td>6,600</td>
<td>400</td>
<td>3,500</td>
<td>300</td>
</tr>
<tr>
<td>Male</td>
<td>5,000</td>
<td>375</td>
<td>2,850</td>
<td>300</td>
</tr>
<tr>
<td>Female</td>
<td>1,600</td>
<td>175</td>
<td>650</td>
<td>125</td>
</tr>
<tr>
<td>Electrical and computer engineering</td>
<td>10,600</td>
<td>500</td>
<td>5,850</td>
<td>400</td>
</tr>
<tr>
<td>Male</td>
<td>8,900</td>
<td>500</td>
<td>4,900</td>
<td>375</td>
</tr>
<tr>
<td>Female</td>
<td>1,750</td>
<td>225</td>
<td>950</td>
<td>175</td>
</tr>
<tr>
<td>Mechanical engineering</td>
<td>7,650</td>
<td>475</td>
<td>3,900</td>
<td>400</td>
</tr>
<tr>
<td>Male</td>
<td>6,100</td>
<td>475</td>
<td>3,300</td>
<td>375</td>
</tr>
<tr>
<td>Female</td>
<td>1,550</td>
<td>250</td>
<td>600</td>
<td>175</td>
</tr>
<tr>
<td>Industrial engineers</td>
<td>3,300</td>
<td>350</td>
<td>1,450</td>
<td>225</td>
</tr>
<tr>
<td>Male</td>
<td>2,500</td>
<td>300</td>
<td>1,150</td>
<td>225</td>
</tr>
<tr>
<td>Female</td>
<td>800</td>
<td>150</td>
<td>300</td>
<td>100</td>
</tr>
<tr>
<td>Other engineering</td>
<td>13,250</td>
<td>475</td>
<td>5,600</td>
<td>325</td>
</tr>
<tr>
<td>Field of study and sex</td>
<td>All employed</td>
<td>Tenured</td>
<td>Not tenured</td>
<td>Tenure not applicable</td>
</tr>
<tr>
<td>------------------------</td>
<td>--------------</td>
<td>---------</td>
<td>-------------</td>
<td>----------------------</td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>SE</td>
<td>Number</td>
<td>SE</td>
</tr>
<tr>
<td>Male</td>
<td>9,600</td>
<td>450</td>
<td>4,500</td>
<td>325</td>
</tr>
<tr>
<td>Female</td>
<td>3,700</td>
<td>250</td>
<td>1,100</td>
<td>125</td>
</tr>
<tr>
<td>Health</td>
<td>21,600</td>
<td>600</td>
<td>8,050</td>
<td>450</td>
</tr>
<tr>
<td>Male</td>
<td>7,300</td>
<td>375</td>
<td>3,000</td>
<td>225</td>
</tr>
<tr>
<td>Female</td>
<td>14,300</td>
<td>475</td>
<td>5,050</td>
<td>350</td>
</tr>
</tbody>
</table>

* = suppressed when population estimate < 25.

SE = standard error.

**Note(s):**
Numbers are rounded to the nearest 50. Standard errors are rounded up to the nearest 25. Detail may not add to total because of rounding. 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 2021.

**Source(s):**