## TABLE A-8
Imputation for nonresponse in postdoc and nonfaculty research totals, by field: 2019–21
(Number and percent)

<table>
<thead>
<tr>
<th>Year and field</th>
<th>Total in survey</th>
<th>Number imputed</th>
<th>Imputation rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Postdoctoral appointees</td>
<td>Doctorate nonfaculty researchers</td>
<td>Postdoctoral appointees</td>
</tr>
<tr>
<td>Fall 2021, all surveyed fields</td>
<td>63,328</td>
<td>30,548</td>
<td>1,947</td>
</tr>
<tr>
<td>Science</td>
<td>37,189</td>
<td>18,728</td>
<td>1,456</td>
</tr>
<tr>
<td>Agricultural and veterinary sciences</td>
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<td>902</td>
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<tr>
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<td>Computer and information sciences</td>
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</tr>
<tr>
<td>Geosciences, atmospheric sciences, and ocean sciences</td>
<td>1,797</td>
<td>2,308</td>
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<tr>
<td>Mathematics and statistics</td>
<td>1,112</td>
<td>235</td>
<td>6</td>
</tr>
<tr>
<td>Multidisciplinary and interdisciplinary studies</td>
<td>878</td>
<td>816</td>
<td>13</td>
</tr>
<tr>
<td>Natural resources and conservation</td>
<td>889</td>
<td>620</td>
<td>9</td>
</tr>
<tr>
<td>Physical sciences</td>
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<td>140</td>
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<tr>
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<td>803</td>
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<td>Total in survey</td>
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<td>Imputation rate (%)</td>
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<tr>
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<td>679</td>
<td>83</td>
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<td>Social sciences</td>
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<tr>
<td>Health</td>
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<tr>
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<td>Other health</td>
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<td>Fall 2019, all surveyed fields</td>
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<tr>
<td>Computer and information sciences</td>
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<td>510</td>
<td>27</td>
</tr>
<tr>
<td>Geosciences, atmospheric sciences, and ocean sciences</td>
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<tr>
<td>Mathematics and statistics</td>
<td>1,070</td>
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<tr>
<td>Multidisciplinary and interdisciplinary studies</td>
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<td>820</td>
<td>24</td>
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<tr>
<td>Natural resources and conservation</td>
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<td>582</td>
<td>21</td>
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<tr>
<td>Physical sciences</td>
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<td>3,316</td>
<td>196</td>
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<tr>
<td>Psychology</td>
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</tr>
<tr>
<td>Social sciences</td>
<td>1,762</td>
<td>1,659</td>
<td>50</td>
</tr>
</tbody>
</table>
TABLE A-8
Imputation for nonresponse in postdoc and nonfaculty research totals, by field: 2019–21
(Number and percent)

<table>
<thead>
<tr>
<th>Year and field</th>
<th>Total in survey</th>
<th>Number imputed</th>
<th>Imputation rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Postdoctoral appointees</td>
<td>Doctorate nonfaculty researchers</td>
<td>Postdoctoral appointees</td>
</tr>
<tr>
<td>Engineering</td>
<td>8,266</td>
<td>3,909</td>
<td>258</td>
</tr>
<tr>
<td>Aerospace, aeronautical, and astronautical engineering</td>
<td>227</td>
<td>124</td>
<td>3</td>
</tr>
<tr>
<td>Agricultural engineering</td>
<td>112</td>
<td>55</td>
<td>0</td>
</tr>
<tr>
<td>Bioengineering and biomedical engineering</td>
<td>1,515</td>
<td>492</td>
<td>119</td>
</tr>
<tr>
<td>Biological and biosystems engineering</td>
<td>87</td>
<td>53</td>
<td>0</td>
</tr>
<tr>
<td>Chemical engineering</td>
<td>1,157</td>
<td>328</td>
<td>24</td>
</tr>
<tr>
<td>Civil engineering</td>
<td>865</td>
<td>492</td>
<td>11</td>
</tr>
<tr>
<td>Electrical, electronics, and communications engineering</td>
<td>1,305</td>
<td>637</td>
<td>35</td>
</tr>
<tr>
<td>Engineering mechanics, physics, and science</td>
<td>180</td>
<td>186</td>
<td>0</td>
</tr>
<tr>
<td>Industrial and manufacturing engineering</td>
<td>167</td>
<td>137</td>
<td>16</td>
</tr>
<tr>
<td>Mechanical engineering</td>
<td>1,142</td>
<td>531</td>
<td>24</td>
</tr>
<tr>
<td>Metallurgical and materials engineering</td>
<td>642</td>
<td>242</td>
<td>17</td>
</tr>
<tr>
<td>Mining engineering</td>
<td>23</td>
<td>61</td>
<td>0</td>
</tr>
<tr>
<td>Nanotechnology</td>
<td>151</td>
<td>76</td>
<td>0</td>
</tr>
<tr>
<td>Nuclear engineering</td>
<td>80</td>
<td>41</td>
<td>0</td>
</tr>
<tr>
<td>Petroleum engineering</td>
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<td>82</td>
<td>0</td>
</tr>
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<td>541</td>
<td>372</td>
<td>9</td>
</tr>
<tr>
<td>Health</td>
<td>19,478</td>
<td>7,621</td>
<td>1,401</td>
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<tr>
<td>Clinical medicine</td>
<td>16,650</td>
<td>6,273</td>
<td>1,290</td>
</tr>
<tr>
<td>Other health</td>
<td>2,828</td>
<td>1,348</td>
<td>111</td>
</tr>
</tbody>
</table>

nec = not elsewhere classified.

a Clinical medicine includes postdoctoral appointees and nonfaculty researchers in anesthesiology, cardiology, endocrinology, gastroenterology, hematology, neurology, obstetrics and gynecology, oncology and cancer research, ophthalmology, otorhinolaryngology, pediatrics, psychiatry, public health, pulmonary disease, radiological sciences, surgery, and clinical medicine nec.

b Several field names changed in 2020; the field names listed in this table are the field names used in the Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS) collection and reporting for 2020. For a complete list of field names from 2017 to 2020, see https://ncses.nsf.gov/pubs/nsf21318/table/A-17.

c Beginning in 2020, clinical medicine includes postdoctoral appointees and doctorate-holding nonfaculty researchers in medical clinical sciences and clinical and medical laboratory sciences, public health, and clinical medicine nec.

Note(s):
“Field” refers to the field of the unit that reports postdoctoral appointees and doctorate-holding nonfaculty researchers to the GSS. Sum of the broad fields may not add to total because of rounding. For more information on the mapping of GSS fields and codes, see technical table A-17.

Source(s):