The 2019-2020 academic salary survey includes both faculty and non-faculty statisticians and biostatisticians. We received responses from 76 institutions in the United States. The data included 1,218 faculty and 296 non-faculty statisticians, with gender information. The quartiles and 90th percentile for relevant categories are provided in the summary tables.

**Faculty Data**

The faculty data set, comprised of 790 males and 428 females, included faculty members in 23 statistics departments (N=488), 36 biostatistics departments (N=605) and 17 math sciences departments (N=125). Departments that were classified as both Math and Statistics were included with the Mathematical Sciences departments.

Table 1 summarizes salary information for full-time academic faculty in statistics departments by rank and years in rank, based on nine-month salary. Table 2 provides similar information for full-time academic faculty in biostatistics departments, but is based on twelve-month salary. Table 3 summarizes salary information on full-time academic faculty in the mathematical sciences departments by rank, based on nine-month salary. The salaries of all statistics and mathematical sciences faculty with contracts other than nine-months were adjusted appropriately to a nine-month salary. Similarly, the salaries of all biostatistics faculty with contracts other than twelve-months were adjusted appropriately to a twelve-month salary. Tables 4, 5, and 6 provide similar percentiles for the groups in Tables 1, 2, and 3, respectively, stratified by gender. Tables 8, 9, and 10 provide salary information by tenure status.

**Non-faculty Data**

The non-faculty data set included 296 observations from 34 institutions, with 65 observations at the doctoral level, 225 at the master’s level, and 6 at the bachelor’s level. Of the 296 individuals, there were 253 from biostatistics departments, 35 from statistics departments, and 8 from mathematical sciences. Departments that were classified as both Math and Statistics were included with the Mathematical Sciences departments.

Table 7 provides the non-faculty salary distribution, stratified by highest degree (master’s or doctorate) and years since obtaining the highest degree.
Table 1. 2019-2020 Academic Faculty in Statistics Departments by Rank and Years in Rank, Based on 9-Month Salary

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-2</td>
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<td>$107,261</td>
<td>$115,994</td>
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<td>$203,750</td>
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<td>$261,300</td>
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</tr>
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<td>$167,335</td>
<td>$203,511</td>
<td>$250,702</td>
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</tr>
<tr>
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<td>65</td>
<td>$154,712</td>
<td>$186,600</td>
<td>$243,636</td>
<td>$281,416</td>
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</tr>
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<td>$210,000</td>
<td>$261,300</td>
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<td>$107,199</td>
<td>$116,159</td>
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<th>Years in Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
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<td>$322,695</td>
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<td>$206,691</td>
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<td>$301,570</td>
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<td>$165,000</td>
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<td>$135,000</td>
<td>$145,695</td>
<td>$157,522</td>
<td>$180,869</td>
</tr>
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<td>$123,600</td>
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### Table 3. 2019-2020 Academic Faculty in Mathematical Sciences Departments by Rank, Based on 9-Month Salary

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<th>Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
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<td>$96,657</td>
<td>$105,063</td>
<td>$118,292</td>
<td>$128,427</td>
</tr>
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<td>$97,086</td>
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</tr>
<tr>
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<td>$84,000</td>
<td>$102,553</td>
<td>$118,292</td>
</tr>
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</table>
### Table 4. 2019-2020 Academic Faculty in Statistics Departments by Rank, Years in Rank and Gender, Based on 9-Month Salary

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>Gender</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professor</strong></td>
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<td>$131,516</td>
<td>$134,903</td>
<td>$167,500</td>
</tr>
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<td>$115,994</td>
<td>$140,045</td>
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<td>$232,000</td>
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<td></td>
<td>Male</td>
<td>108</td>
<td>$141,824</td>
<td>$170,490</td>
<td>$226,899</td>
<td>$281,416</td>
</tr>
<tr>
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<td>All</td>
<td>Female</td>
<td>35</td>
<td>$115,246</td>
<td>$134,000</td>
<td>$205,682</td>
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</tr>
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<td>$130,397</td>
<td>$163,328</td>
<td>$213,510</td>
<td>$269,551</td>
</tr>
<tr>
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<td>$135,950</td>
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<td>17</td>
<td>$102,000</td>
<td>$110,724</td>
<td>$138,000</td>
<td>$160,000</td>
</tr>
<tr>
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<td>3+</td>
<td>Female</td>
<td>21</td>
<td>$101,333</td>
<td>$103,560</td>
<td>$114,773</td>
<td>$125,900</td>
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<td>$150,763</td>
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<td>$114,773</td>
<td>$125,900</td>
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<td>$76,569</td>
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</table>
Table 5. 2019-2020 Academic Faculty in Biostatistics Departments by Rank, Years in Rank and Gender, Based on 12-Month Salary

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>Gender</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
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<td></td>
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<td>$225,000</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Female</td>
<td>7</td>
<td>$83,000</td>
<td>$90,459</td>
<td>$98,604</td>
<td>$118,691</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>4</td>
<td>$68,983</td>
<td>$95,472</td>
<td>$120,672</td>
<td>$132,000</td>
<td></td>
</tr>
</tbody>
</table>
Table 6. 2019-2020 Academic Faculty in Mathematical Sciences Departments by Rank and Gender, Based on 9-Month Salary

<table>
<thead>
<tr>
<th>Rank</th>
<th>Gender</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>Female</td>
<td>7</td>
<td>$74,700</td>
<td>$81,892</td>
<td>$102,706</td>
<td>$111,038</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>42</td>
<td>$97,957</td>
<td>$111,479</td>
<td>$119,268</td>
<td>$128,427</td>
</tr>
<tr>
<td>Associate</td>
<td>Female</td>
<td>9</td>
<td>$83,466</td>
<td>$88,642</td>
<td>$92,071</td>
<td>$101,339</td>
</tr>
<tr>
<td>Professor</td>
<td>Male</td>
<td>9</td>
<td>$80,630</td>
<td>$81,892</td>
<td>$102,553</td>
<td>$115,708</td>
</tr>
<tr>
<td>Assistant</td>
<td>Female</td>
<td>17</td>
<td>$72,000</td>
<td>$82,056</td>
<td>$87,806</td>
<td>$88,000</td>
</tr>
<tr>
<td>Professor</td>
<td>Male</td>
<td>24</td>
<td>$66,317</td>
<td>$81,738</td>
<td>$83,465</td>
<td>$88,088</td>
</tr>
<tr>
<td>Instructor</td>
<td>Female</td>
<td>9</td>
<td>$53,568</td>
<td>$56,164</td>
<td>$64,743</td>
<td>$83,387</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>8</td>
<td>$50,500</td>
<td>$57,347</td>
<td>$65,661</td>
<td>$76,036</td>
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</tbody>
</table>

Table 7. 2019-2020 Academic Non-Faculty Statisticians* by Highest Degree and Years Since Highest Degree, Based on 12-month salary

<table>
<thead>
<tr>
<th>Highest Degree</th>
<th>Years Since Highest Degree</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Doctorate</td>
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<td>25</td>
<td>$63,860</td>
<td>$65,125</td>
<td>$65,125</td>
<td>$72,000</td>
</tr>
<tr>
<td></td>
<td>2-7</td>
<td>20</td>
<td>$65,552</td>
<td>$76,081</td>
<td>$91,000</td>
<td>$105,677</td>
</tr>
<tr>
<td></td>
<td>8+</td>
<td>20</td>
<td>$80,492</td>
<td>$93,500</td>
<td>$108,954</td>
<td>$125,458</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>65</td>
<td>$65,125</td>
<td>$67,278</td>
<td>$92,000</td>
<td>$108,238</td>
</tr>
<tr>
<td>Master's</td>
<td>0-2</td>
<td>57</td>
<td>$62,500</td>
<td>$66,992</td>
<td>$78,694</td>
<td>$87,500</td>
</tr>
<tr>
<td></td>
<td>3-5</td>
<td>49</td>
<td>$65,000</td>
<td>$70,200</td>
<td>$84,195</td>
<td>$101,347</td>
</tr>
<tr>
<td></td>
<td>6-9</td>
<td>26</td>
<td>$75,000</td>
<td>$78,056</td>
<td>$85,835</td>
<td>$97,104</td>
</tr>
<tr>
<td></td>
<td>10-15</td>
<td>41</td>
<td>$76,756</td>
<td>$84,075</td>
<td>$94,363</td>
<td>$103,256</td>
</tr>
<tr>
<td></td>
<td>16+</td>
<td>52</td>
<td>$93,763</td>
<td>$104,339</td>
<td>$123,305</td>
<td>$132,897</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>225</td>
<td>$66,992</td>
<td>$80,000</td>
<td>$96,941</td>
<td>$118,200</td>
</tr>
<tr>
<td>Bachelor's</td>
<td>All</td>
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<td>$64,462</td>
<td>$72,404</td>
<td>$93,666</td>
<td>$121,606</td>
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</tbody>
</table>

*Includes 253 from Biostatistics, 35 from Statistics, and 8 from Mathematical Sciences departments
### Table 8. 2019-2020 Academic Faculty in Statistics Departments by Tenure Status, Rank and Years in Rank, Based on 9-Month Salary

#### Tenured or Tenure Track

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-3</td>
<td>28</td>
<td>$110,602</td>
<td>$122,370</td>
<td>$153,042</td>
<td>$232,200</td>
<td></td>
</tr>
<tr>
<td>4-7</td>
<td>36</td>
<td>$127,797</td>
<td>$140,340</td>
<td>$185,000</td>
<td>$225,000</td>
<td></td>
</tr>
<tr>
<td>8-14</td>
<td>42</td>
<td>$128,172</td>
<td>$167,325</td>
<td>$219,215</td>
<td>$265,350</td>
<td></td>
</tr>
<tr>
<td>15-20</td>
<td>26</td>
<td>$161,969</td>
<td>$185,013</td>
<td>$227,250</td>
<td>$259,500</td>
<td></td>
</tr>
<tr>
<td>21+</td>
<td>48</td>
<td>$149,422</td>
<td>$176,621</td>
<td>$258,109</td>
<td>$290,468</td>
<td></td>
</tr>
<tr>
<td><strong>All</strong></td>
<td>180</td>
<td>$128,541</td>
<td>$160,197</td>
<td>$210,680</td>
<td>$262,869</td>
<td></td>
</tr>
<tr>
<td><strong>Associate Professor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-2</td>
<td>24</td>
<td>$101,000</td>
<td>$110,362</td>
<td>$133,590</td>
<td>$156,400</td>
<td></td>
</tr>
<tr>
<td>3-5</td>
<td>24</td>
<td>$100,786</td>
<td>$113,896</td>
<td>$123,616</td>
<td>$156,100</td>
<td></td>
</tr>
<tr>
<td>6+</td>
<td>34</td>
<td>$100,066</td>
<td>$108,000</td>
<td>$119,991</td>
<td>$150,178</td>
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</tr>
<tr>
<td><strong>All</strong></td>
<td>82</td>
<td>$100,066</td>
<td>$108,843</td>
<td>$125,360</td>
<td>$153,000</td>
<td></td>
</tr>
<tr>
<td><strong>Assistant Professor</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-2</td>
<td>44</td>
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<td>$100,395</td>
<td>$110,000</td>
<td>$128,750</td>
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</tr>
<tr>
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<td>58</td>
<td>$92,718</td>
<td>$98,662</td>
<td>$110,013</td>
<td>$121,458</td>
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</tr>
<tr>
<td><strong>All</strong></td>
<td>102</td>
<td>$92,718</td>
<td>$99,375</td>
<td>$110,000</td>
<td>$128,184</td>
<td></td>
</tr>
<tr>
<td><strong>All Ranks</strong></td>
<td><strong>364</strong></td>
<td>$100,145</td>
<td>$121,229</td>
<td>$163,328</td>
<td>$226,548</td>
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</tr>
</tbody>
</table>

#### Non-Tenure Track (All Years)

<table>
<thead>
<tr>
<th>Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>7</td>
<td>$74,758</td>
<td>$131,700</td>
<td>$171,300</td>
<td>$187,450</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>7</td>
<td>$59,593</td>
<td>$60,000</td>
<td>$102,784</td>
<td>$150,000</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>15</td>
<td>$51,906</td>
<td>$88,355</td>
<td>$110,000</td>
<td>$111,000</td>
</tr>
<tr>
<td>Instructor</td>
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<td>$52,704</td>
<td>$62,000</td>
<td>$76,000</td>
<td>$95,824</td>
</tr>
<tr>
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<td><strong>$53,350</strong></td>
<td><strong>$63,600</strong></td>
<td><strong>$87,150</strong></td>
<td><strong>$103,131</strong></td>
</tr>
</tbody>
</table>
Table 9. 2019-2020 Academic Faculty in Biostatistics Departments by Tenure Status, Rank and Years in Rank, Based on 12-Month Salary

### Tenured or Tenure Track

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professor</strong></td>
<td>0-3</td>
<td>52</td>
<td>$175,553</td>
<td>$190,652</td>
<td>$209,326</td>
<td>$213,864</td>
</tr>
<tr>
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<td>$215,006</td>
<td>$245,557</td>
<td>$289,729</td>
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<tr>
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<td>$210,836</td>
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<td>$319,754</td>
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<tr>
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<td>49</td>
<td>$215,110</td>
<td>$251,769</td>
<td>$308,891</td>
<td>$344,424</td>
</tr>
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<td>All</td>
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<td>$187,680</td>
<td>$210,001</td>
<td>$250,780</td>
<td>$309,958</td>
</tr>
<tr>
<td><strong>Associate</strong></td>
<td>Professor</td>
<td>0-2</td>
<td>$131,000</td>
<td>$144,000</td>
<td>$155,328</td>
<td>$162,007</td>
</tr>
<tr>
<td></td>
<td>3+</td>
<td>70</td>
<td>$139,702</td>
<td>$147,986</td>
<td>$159,566</td>
<td>$181,010</td>
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<td>All</td>
<td>113</td>
<td>$137,835</td>
<td>$146,553</td>
<td>$165,915</td>
<td>$177,504</td>
</tr>
<tr>
<td><strong>Assistant</strong></td>
<td>Professor</td>
<td>0-2</td>
<td>$109,033</td>
<td>$115,000</td>
<td>$123,600</td>
<td>$131,200</td>
</tr>
<tr>
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<td>3+</td>
<td>56</td>
<td>$112,204</td>
<td>$118,014</td>
<td>$124,579</td>
<td>$137,304</td>
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<tr>
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<td>$111,678</td>
<td>$116,067</td>
<td>$124,361</td>
<td>$133,250</td>
</tr>
<tr>
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<td>All</td>
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<td>$83,000</td>
<td>$132,000</td>
<td>$132,000</td>
</tr>
<tr>
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<td>All</td>
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<td>$126,721</td>
<td>$157,590</td>
<td>$208,328</td>
<td>$264,204</td>
</tr>
</tbody>
</table>

### Non-Tenure Track

<table>
<thead>
<tr>
<th>Rank</th>
<th>Years in Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professor</strong></td>
<td>0-5</td>
<td>23</td>
<td>$175,000</td>
<td>$185,000</td>
<td>$196,800</td>
<td>$210,421</td>
</tr>
<tr>
<td></td>
<td>6+</td>
<td>19</td>
<td>$177,500</td>
<td>$195,700</td>
<td>$234,424</td>
<td>$292,496</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>42</td>
<td>$175,000</td>
<td>$187,838</td>
<td>$202,859</td>
<td>$234,424</td>
</tr>
<tr>
<td><strong>Associate</strong></td>
<td>Professor</td>
<td>0-2</td>
<td>$130,590</td>
<td>$144,600</td>
<td>$157,811</td>
<td>$165,000</td>
</tr>
<tr>
<td></td>
<td>3+</td>
<td>52</td>
<td>$129,492</td>
<td>$142,402</td>
<td>$158,874</td>
<td>$183,469</td>
</tr>
<tr>
<td></td>
<td>All</td>
<td>68</td>
<td>$129,492</td>
<td>$142,735</td>
<td>$158,478</td>
<td>$183,469</td>
</tr>
<tr>
<td><strong>Assistant</strong></td>
<td>Professor</td>
<td>0-2</td>
<td>$91,800</td>
<td>$108,000</td>
<td>$117,832</td>
<td>$131,040</td>
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<td>$107,639</td>
<td>$117,956</td>
<td>$126,066</td>
<td>$141,030</td>
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<td>$104,105</td>
<td>$115,104</td>
<td>$125,764</td>
<td>$137,500</td>
</tr>
<tr>
<td><strong>Instructor</strong></td>
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<td>All</td>
<td>$83,575</td>
<td>$92,800</td>
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<td>$113,152</td>
<td>$136,145</td>
<td>$165,825</td>
<td>$195,700</td>
</tr>
</tbody>
</table>
Table 10. 2019-2020 Academic Faculty in Mathematical Sciences Departments by Tenure Status and Rank, Based on 9-Month Salary

### Tenured or Tenure Track

<table>
<thead>
<tr>
<th>Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>49</td>
<td>$96,657</td>
<td>$105,063</td>
<td>$118,292</td>
<td>$128,427</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>18</td>
<td>$80,630</td>
<td>$85,266</td>
<td>$97,086</td>
<td>$107,000</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>38</td>
<td>$72,000</td>
<td>$82,028</td>
<td>$86,681</td>
<td>$88,088</td>
</tr>
<tr>
<td>Instructor/Lecturer</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>All Ranks</td>
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<td>$81,392</td>
<td>$88,000</td>
<td>$105,063</td>
<td>$119,268</td>
</tr>
</tbody>
</table>

### Non-Tenure Track

<table>
<thead>
<tr>
<th>Rank</th>
<th>N</th>
<th>1st Quartile</th>
<th>Median</th>
<th>3rd Quartile</th>
<th>90th Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Associate Professor</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>3</td>
<td>$57,407</td>
<td>$60,191</td>
<td>$66,465</td>
<td>$66,465</td>
</tr>
<tr>
<td>Instructor/Lecturer</td>
<td>17</td>
<td>$53,000</td>
<td>$57,000</td>
<td>$64,743</td>
<td>$76,036</td>
</tr>
<tr>
<td>All Ranks</td>
<td>20</td>
<td>$53,284</td>
<td>$57,551</td>
<td>$65,604</td>
<td>$72,888</td>
</tr>
</tbody>
</table>