2018 Senior Survey Results

Group: University of Pennsylvania

Comparison:
Selected Private Research Institutions
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</tbody>
</table>
### 2018 Senior Survey: Respondent Representativeness - Group (based on Penn SRS data)

**Group:** University of Pennsylvania  
**Comparison:** Selected Private Institutions

<table>
<thead>
<tr>
<th>Population</th>
<th>Respondents</th>
<th>Overall Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penn Seniors</td>
<td>2,369</td>
<td>890</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Population</th>
<th>Respondents</th>
<th>Population Distribution</th>
<th>Respondent Distribution</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>1,397</td>
<td>585</td>
<td>59.0%</td>
<td>65.7%</td>
</tr>
<tr>
<td>Engineering</td>
<td>373</td>
<td>124</td>
<td>15.7%</td>
<td>13.9%</td>
</tr>
<tr>
<td>Nursing</td>
<td>82</td>
<td>31</td>
<td>3.5%</td>
<td>3.5%</td>
</tr>
<tr>
<td>Wharton</td>
<td>517</td>
<td>150</td>
<td>21.8%</td>
<td>16.9%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,369</strong></td>
<td><strong>890</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>By Gender</th>
<th>Population</th>
<th>Respondents</th>
<th>Population Distribution</th>
<th>Respondent Distribution</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>1,190</td>
<td>529</td>
<td>50.2%</td>
<td>59.4%</td>
<td>9.2%</td>
</tr>
<tr>
<td>Male</td>
<td>1,179</td>
<td>361</td>
<td>49.8%</td>
<td>40.6%</td>
<td>-9.2%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,369</strong></td>
<td><strong>890</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>9.2%</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>251</td>
<td>86</td>
<td>10.6%</td>
<td>9.7%</td>
<td>-0.9%</td>
</tr>
<tr>
<td>Non-URM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asian American/Pacific Islander</td>
<td>487</td>
<td>160</td>
<td>20.6%</td>
<td>18.0%</td>
<td>-2.6%</td>
</tr>
<tr>
<td>White non-Hispanic</td>
<td>1,098</td>
<td>480</td>
<td>46.3%</td>
<td>53.9%</td>
<td>7.6%</td>
</tr>
<tr>
<td>Unknown</td>
<td>27</td>
<td>7</td>
<td>1.1%</td>
<td>0.8%</td>
<td>-0.4%</td>
</tr>
<tr>
<td>URM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>African American/Black</td>
<td>155</td>
<td>51</td>
<td>6.5%</td>
<td>5.7%</td>
<td>-0.8%</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>3</td>
<td>1</td>
<td>0.1%</td>
<td>0.1%</td>
<td>0.0%</td>
</tr>
<tr>
<td>Hispanic/Latino/a</td>
<td>231</td>
<td>71</td>
<td>9.8%</td>
<td>8.0%</td>
<td>-1.8%</td>
</tr>
<tr>
<td>Two or More</td>
<td>117</td>
<td>34</td>
<td>4.9%</td>
<td>3.8%</td>
<td>-1.1%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,369</strong></td>
<td><strong>890</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>-5.0%</strong></td>
</tr>
</tbody>
</table>
Data Not Available
Figure 1: Percent who are Female:

- Group: 59%
- Comparison: 54%

Group Responses: 890
Comparison Responses: 9,321

Figure 2: Respondents by Sexual Orientation:

- Heterosexual: Group 84%, Comparison 81%
- Gay/Lesbian: Group 5%, Comparison 5%
- Bisexual: Group 6%, Comparison 6%
- Queer: Group 2%, Comparison 2%
- Unsure: Group 1%, Comparison 1%

Group Responses: 753
Comparison Responses: 4,936
### 2018 Senior Survey: Student Demographics

**Group: University of Pennsylvania**  
**Comparison: Selected Private Institutions**

#### Figure 3: Respondents by Race / Ethnicity:

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>White non-Hispanic</td>
<td>53%</td>
<td>48%</td>
</tr>
<tr>
<td>Asian American/Pacific Islander</td>
<td>19%</td>
<td>20%</td>
</tr>
<tr>
<td>International</td>
<td>10%</td>
<td>9%</td>
</tr>
<tr>
<td>Hispanic/Latino/a</td>
<td>8%</td>
<td>10%</td>
</tr>
<tr>
<td>African American/Black</td>
<td>5%</td>
<td>5%</td>
</tr>
<tr>
<td>Two or More</td>
<td>4%</td>
<td>6%</td>
</tr>
<tr>
<td>Unknown</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>American Indian/Alaskan Native/Hawaiian</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

Group Responses: 760  
Comparison Responses: 8,671

#### Figure 4: Respondents by admission pool:

<table>
<thead>
<tr>
<th>Admission Pool</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Action or Early Decision</td>
<td>56%</td>
<td>43%</td>
</tr>
<tr>
<td>Regular admission</td>
<td>39%</td>
<td>52%</td>
</tr>
<tr>
<td>Transfer from another institution</td>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
</table>

Group Responses: 875  
Comparison Responses: 9,070
Figure 5: Average SAT scores:

Group Composite=2208, Comparison Composite=2200

Figure 6: Average College GPA:

Group Mean=3.62, Comp Mean=3.66

Table 1: Years in which respondents lived 'on campus' for at least one term:

<table>
<thead>
<tr>
<th></th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>93%</td>
<td>67%</td>
<td>39%</td>
<td>27%</td>
</tr>
<tr>
<td>Comparison</td>
<td>93%</td>
<td>87%</td>
<td>60%</td>
<td>47%</td>
</tr>
</tbody>
</table>
Figure 7: Expected major when starting college:

Group Responses: 760
Comparison Responses: 8,632

Figure 7a: Graduating major:

Group Responses: 846

Figure 8: Parents of respondents with one or more parents that attended Penn:

Group Responses: 753
Comparison Responses: 7,529

Note: Based on IR&A Degree Census file. Natural Sciences include Biological, Nursing, Physical Sciences or Mathematics.
Figure 9: Parents' highest level of education.

Figure 10: Estimated total annual before-tax income from all sources for parent(s), and/or step-parent(s) who helped pay for undergraduate education.

Figure 11: Respondents' self-identified Socio-Economic Status:

*Question modified in 2018.
Figure 12: Overall satisfaction with undergraduate education:

![Bar chart](image)

- Group: 4% Very Dissatisfied (1)
- Group: 4% Generally Dissatisfied (2)
- Group: 10% Ambivalent (3)
- Group: 60% Generally Satisfied (4)
- Group: 25% Very Satisfied (5)

Group Responses: 700
Comparison Responses: 9,150

Group Mean= 4.04, Comp Mean= 4.13

Figure 12a: Satisfaction with Penn academic experiences:

- Group: 3) Opportunities to participate in extracurricular activities
  - Group Mean= 3.27, Comp Mean= 3.36
  - Comparison

- Group: 5) Opportunities for personal growth and development
  - Group Mean= 3.22, Comp Mean= 3.29
  - Comparison

- Group: 13) Level of intellectual excitement on campus
  - Group Mean= 3.15, Comp Mean= 3.42
  - Comparison

- Group: 2) Overall quality of instruction
  - Group Mean= 3.02, Comp Mean= 3.15
  - Comparison

- Group: 4) Social life on campus
  - Group Mean= 2.98, Comp Mean= 2.84
  - Comparison

Average Group Responses per Item: 872
Average Comparison Responses per Item: 9,254
Figure 13: Satisfaction with each of the following academic experiences at Penn:

Group: 6) Humanities and arts courses
Group Mean= 3.25, Comp Mean= 3.36
Comparison

Group: 2) Out-of-class availability of faculty
Group Mean= 3.19, Comp Mean= 3.18
Comparison

Group: 3) Opportunities to participate in research with a faculty member
Group Mean= 3.16, Comp Mean= 3.16
Comparison

Group: 8) Social science courses
Group Mean= 3.15, Comp Mean= 3.25
Comparison

Group: 5) Availability of courses you wanted to take outside your major
Group Mean= 3.04, Comp Mean= 3.25
Comparison

Group: 4) Availability of academic support and assistance
Group Mean= 2.91, Comp Mean= 3.05
Comparison

Group: 9) Engineering courses
Group Mean= 2.87, Comp Mean= 2.89
Comparison

Group: 1) Academic advising before declaring a major
Group Mean= 2.58, Comp Mean= 2.55
Comparison

Group: 7) Natural science and math courses
Group Mean= 2.42, Comp Mean= 2.79
Comparison

Group: 10) Pre-med courses
Group Mean= 2.28, Comp Mean= 2.76
Comparison

Average Group Responses per Item: 838
Average Comparison Responses per Item: 6,956
Figure 14: Overall satisfaction with the FIRST MAJOR:

Group Responses: 823
Comparison Responses: 8,984

Group Mean= 4.09, Comp Mean= 4.05
Figure 14a: For the First Major, satisfaction with the following:

<table>
<thead>
<tr>
<th>Group</th>
<th></th>
<th>Average Group Responses per Item: 826</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Quality of instruction</td>
<td>Group Mean= 3.19, Comp Mean= 3.21</td>
<td></td>
</tr>
<tr>
<td>2) Quality of advising</td>
<td>Group Mean= 3.27, Comp Mean= 3.26</td>
<td></td>
</tr>
<tr>
<td>3) Helpfulness of faculty outside the classroom</td>
<td>Group Mean= 3.15, Comp Mean= 3.27</td>
<td></td>
</tr>
<tr>
<td>4) Availability of courses you wanted to take</td>
<td>Group Mean= 2.99, Comp Mean= 2.98</td>
<td></td>
</tr>
<tr>
<td>5) Level of intellectual excitement</td>
<td>Group Mean= 3.06, Comp Mean= 3.07</td>
<td></td>
</tr>
<tr>
<td>6) Laboratory experience</td>
<td>Group Mean= 2.99, Comp Mean= 3.15</td>
<td></td>
</tr>
<tr>
<td>7) Opportunities for class discussion</td>
<td>Group Mean= 3.12, Comp Mean= 3.15</td>
<td></td>
</tr>
<tr>
<td>8) Availability of tutoring and other help</td>
<td>Group Mean= 2.95, Comp Mean= 3.01</td>
<td></td>
</tr>
<tr>
<td>9) Flexibility</td>
<td>Group Mean= 2.96, Comp Mean= 3.15</td>
<td></td>
</tr>
<tr>
<td>10) Career opportunities associated with this major</td>
<td>Group Mean= 3.06, Comp Mean= 3.07</td>
<td></td>
</tr>
<tr>
<td>11) Classrooms and classroom facilities</td>
<td>Group Mean= 3.11, Comp Mean= 3.05</td>
<td></td>
</tr>
</tbody>
</table>
Figure 15: Satisfaction with the following aspects of campus life:

- **Group: 12) Feeling of security on campus**
  - Group Mean: 3.34, Comp Mean: 3.26
  - Group: 1% Very Dissatisfied, 5% Generally Dissatisfied, 52% Generally Satisfied, 42% Very Satisfied
  - Comparison: 3% Very Dissatisfied, 9% Generally Dissatisfied, 47% Generally Satisfied, 41% Very Satisfied

- **Group: 2) Guest speakers and campus-wide events**
  - Group Mean: 3.31, Comp Mean: 3.24
  - Group: 1% Very Dissatisfied, 7% Generally Dissatisfied, 52% Generally Satisfied, 40% Very Satisfied
  - Comparison: 2% Very Dissatisfied, 10% Generally Dissatisfied, 51% Generally Satisfied, 37% Very Satisfied

- **Group: 9) Opportunities to participate in intercollegiate (NCAA) athletics**
  - Group Mean: 3.12, Comp Mean: 3.08
  - Group: 7% Very Dissatisfied, 9% Generally Dissatisfied, 49% Generally Satisfied, 35% Very Satisfied
  - Comparison: 8% Very Dissatisfied, 11% Generally Dissatisfied, 45% Generally Satisfied, 36% Very Satisfied

- **Group: 11) Opportunities to participate in intramural and other recreational athletics**
  - Group Mean: 3.08, Comp Mean: 3.30
  - Group: 6% Very Dissatisfied, 11% Generally Dissatisfied, 53% Generally Satisfied, 31% Very Satisfied
  - Comparison: 2% Very Dissatisfied, 7% Generally Dissatisfied, 51% Generally Satisfied, 40% Very Satisfied

- **Group: 6) Climate for LGBTQ students on campus**
  - Group Mean: 3.06, Comp Mean: 3.01
  - Group: 4% Very Dissatisfied, 10% Generally Dissatisfied, 62% Generally Satisfied, 24% Very Satisfied
  - Comparison: 4% Very Dissatisfied, 15% Generally Dissatisfied, 56% Generally Satisfied, 25% Very Satisfied

- **Group: 1) Student clubs and organizations**
  - Group Mean: 3.01, Comp Mean: 3.09
  - Group: 4% Very Dissatisfied, 16% Generally Dissatisfied, 55% Generally Satisfied, 25% Very Satisfied
  - Comparison: 4% Very Dissatisfied, 13% Generally Dissatisfied, 55% Generally Satisfied, 29% Very Satisfied

Average Group Responses per Item: 805
Average Comparison Responses per Item: 6,007
Figure 15 (Continued): Satisfaction with the following aspects of campus life:

Group: 10) Opportunities to participate in club sports

Group Mean = 2.99, Comp Mean = 3.01

Comparison

Group: 8) Sense of community where you live

Group Mean = 2.94, Comp Mean = 2.97

Comparison

Group: 5) Degree of ethnic/racial diversity of the campus

Group Mean = 2.92, Comp Mean = 2.89

Comparison

Group: 4) Climate for ethnic/racial minority students on campus

Group Mean = 2.8, Comp Mean = 2.74

Comparison

Group: 14) Student government

Group Mean = 2.73, Comp Mean = 2.39

Comparison

Group: 7) Sense of community on campus

Group Mean = 2.51, Comp Mean = 2.75

Comparison

Average Group Responses per Item: 737
Average Comparison Responses per Item: 6,007
Figure 16: Satisfaction with the following campus services and facilities:

Group: 8) Campus police/campus security
Group Mean= 3.38, Comp Mean= 3.18
Comparison

Group: 7) Athletic and recreational facilities
Group Mean= 3.3, Comp Mean= 3.24
Comparison

Group: 6) Library facilities and resources
Group Mean= 3.3, Comp Mean= 3.50
Comparison

Group: 10) Laboratory facilities and equipment
Group Mean= 3.21, Comp Mean= 3.36
Comparison

Group: 9) Classrooms
Group Mean= 3.17, Comp Mean= 3.23
Comparison

Group: 13) Computer resources and support
Group Mean= 3.17, Comp Mean= 3.27
Comparison

Group: 11) Foreign language facilities
Group Mean= 3.14, Comp Mean= 3.21
Comparison

Group: 12) Student employment programs
Group Mean= 3.09, Comp Mean= 3.18
Comparison

Average Group Responses per Item: 743
Average Comparison Responses per Item: 6,381
Figure 16 (Continued): Satisfaction with the following campus services and facilities:

<table>
<thead>
<tr>
<th>Group</th>
<th>Description</th>
<th>Group Mean</th>
<th>Comp Mean</th>
<th>Percent Responding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018 Senior Survey: Student Satisfaction-Services and Facilities</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group: 15) Registrar's Office</td>
<td></td>
<td>2.98</td>
<td>2.94</td>
<td>30%</td>
</tr>
<tr>
<td>Group Mean: 2.98, Comp Mean: 2.94</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>4%</td>
<td>13%</td>
<td>64%</td>
</tr>
<tr>
<td>Group: 4) Student health services (other than counseling)</td>
<td></td>
<td>2.78</td>
<td>2.71</td>
<td>7%</td>
</tr>
<tr>
<td>Group Mean: 2.78, Comp Mean: 2.71</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>10%</td>
<td>21%</td>
<td>50%</td>
</tr>
<tr>
<td>Group: 14) Student Financial Services [SFS]</td>
<td></td>
<td>2.74</td>
<td>3.13</td>
<td>32%</td>
</tr>
<tr>
<td>Group Mean: 2.74, Comp Mean: 3.13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>12%</td>
<td>23%</td>
<td>47%</td>
</tr>
<tr>
<td>Group: 5) Student housing</td>
<td></td>
<td>2.55</td>
<td>2.90</td>
<td>1%</td>
</tr>
<tr>
<td>Group Mean: 2.55, Comp Mean: 2.90</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>12%</td>
<td>31%</td>
<td>49%</td>
</tr>
<tr>
<td>Group: 3) Psychological counseling services</td>
<td></td>
<td>2.29</td>
<td>2.46</td>
<td>33%</td>
</tr>
<tr>
<td>Group Mean: 2.29, Comp Mean: 2.46</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>22%</td>
<td>26%</td>
<td>37%</td>
</tr>
<tr>
<td>Group: 2) Administration's responsiveness to student concerns</td>
<td></td>
<td>2.26</td>
<td>2.42</td>
<td>6%</td>
</tr>
<tr>
<td>Group Mean: 2.26, Comp Mean: 2.42</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>22%</td>
<td>37%</td>
<td>34%</td>
</tr>
<tr>
<td>Group: 1) Food services</td>
<td></td>
<td>2.24</td>
<td>2.84</td>
<td>8%</td>
</tr>
<tr>
<td>Group Mean: 2.24, Comp Mean: 2.84</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
<td>24%</td>
<td>34%</td>
<td>36%</td>
</tr>
</tbody>
</table>

Average Group Responses per Item: 743
Average Comparison Responses per Item: 6,381
**Figure 16a: Helpfulness of library resources:**

<table>
<thead>
<tr>
<th>Group: Library collections</th>
<th>Group Mean: 2.16, Comp Mean: 2.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Very Helpful (1)</td>
<td>3%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>32%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>65%</td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
</tr>
<tr>
<td>Not Very Helpful (1)</td>
<td>3%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>30%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>67%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group: Library spaces</th>
<th>Group Mean: 2.09, Comp Mean: 2.12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Very Helpful (1)</td>
<td>6%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>44%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>50%</td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
</tr>
<tr>
<td>Not Very Helpful (1)</td>
<td>3%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>33%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>64%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group: Library staff</th>
<th>Group Mean: 2.01, Comp Mean: 1.88</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Very Helpful (1)</td>
<td>14%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>56%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>29%</td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
</tr>
<tr>
<td>Not Very Helpful (1)</td>
<td>10%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>53%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>37%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group: Library classes</th>
<th>Group Mean: 1.96, Comp Mean: 2.06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Very Helpful (1)</td>
<td>26%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>52%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>22%</td>
</tr>
<tr>
<td>Comparison</td>
<td></td>
</tr>
<tr>
<td>Not Very Helpful (1)</td>
<td>23%</td>
</tr>
<tr>
<td>Somewhat Helpful (2)</td>
<td>51%</td>
</tr>
<tr>
<td>Very Helpful (3)</td>
<td>26%</td>
</tr>
</tbody>
</table>

Average Group Responses per Item: 755
Average Comparison Responses per Item: 6,410

*Question added in 2018.*
Figure 17: Percent who would encourage a high school senior to attend Penn who resembled them (given the same background, ability, interests, and temperament):

- Definitely Would Not (1)
- Probably Would Not (2)
- Maybe (3)
- Probably Would (4)
- Definitely Would (5)

Group Responses: 884
Comparison Responses: 9,267

Group Mean = 3.88, Comp Mean = 4.11
Figure 18: Extent to which Penn experience contributed to knowledge, skills, and personal development:

- **Group: 3) Thinking critically**
  - Group Mean = 3.38, Comp Mean = 3.49
  - Comparison

- **Group: 17) Functioning independently, without supervision**
  - Group Mean = 3.36, Comp Mean = 3.44
  - Comparison

- **Group: 18) Planning and executing complex projects**
  - Group Mean = 3.29, Comp Mean = 3.34
  - Comparison

- **Group: 21) Synthesizing and integrating ideas and information**
  - Group Mean = 3.21, Comp Mean = 3.35
  - Comparison

- **Group: 13) Functioning effectively as a member of a team**
  - Group Mean = 3.2, Comp Mean = 3.17
  - Comparison

- **Group: 19) Understanding the complexity of social problems**
  - Group Mean = 3.18, Comp Mean = 3.26
  - Comparison

Average Group Responses per Item: 760
Average Comparison Responses per Item: 6,656
2018 Senior Survey: Perception of Skills, Competencies, and Abilities

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 18 (Continued): Extent to which Penn experience contributed to knowledge, skills, and personal development:

Group: 12) In-depth knowledge of a field or discipline

Group Mean = 3.18, Comp Mean = 3.16

Comparison

Group: 4) Leadership skills

Group Mean = 3.18, Comp Mean = 3.12

Comparison

Group: 5) Understanding and using quantitative reasoning and methods

Group Mean = 3.18, Comp Mean = 3.21

Comparison

Group: 15) Judging the merits of arguments based on their sources, methods and reasoning

Group Mean = 3.16, Comp Mean = 3.28

Comparison

Group: 16) Relating well to people of different races, nations, and religions

Group Mean = 3.1, Comp Mean = 3.15

Comparison

Group: 2) Communicating well orally

Group Mean = 3.06, Comp Mean = 3.07

Comparison

Group: 25) Acquiring broad knowledge across a number of fields

Group Mean = 3.01, Comp Mean = 3.15

Comparison

Average Group Responses per Item: 760
Average Comparison Responses per Item: 6,656
### Group: University of Pennsylvania

#### Comparison: Selected Private Institutions

**Figure 18 (Continued): Extent to which Penn experience contributed to knowledge, skills, and personal development:**

- **Group: 11) Career- or work-related knowledge and skills**
  - Group Mean: 3, Comp Mean: 2.78
  - Comparison: 12% Very Little or None (1), 27% Some (2), 30% Quite a Bit (3), 30% Very Much (4)

- **Group: 9) Creating original ideas and solutions**
  - Group Mean: 2.97, Comp Mean: 3.11
  - Comparison: 4% Very Little or None (1), 20% Some (2), 37% Quite a Bit (3), 39% Very Much (4)

- **Group: 23) Developing global awareness**
  - Group Mean: 2.97, Comp Mean: 3.08
  - Comparison: 6% Very Little or None (1), 21% Some (2), 33% Quite a Bit (3), 40% Very Much (4)

- **Group: 27) Evaluating role of science**
  - Group Mean: 2.91, Comp Mean: 2.99
  - Comparison: 7% Very Little or None (1), 23% Some (2), 32% Quite a Bit (3), 37% Very Much (4)

- **Group: 24) Conducting scholarly research**
  - Group Mean: 2.89, Comp Mean: 3.01
  - Comparison: 15% Very Little or None (1), 20% Some (2), 25% Quite a Bit (3), 39% Very Much (4)

- **Group: 1) Writing clearly and effectively**
  - Group Mean: 2.87, Comp Mean: 3.13
  - Comparison: 10% Very Little or None (1), 26% Some (2), 31% Quite a Bit (3), 33% Very Much (4)

- **Group: 10) Placing current problems in historical/cultural/philosophical perspective**
  - Group Mean: 2.86, Comp Mean: 2.98
  - Comparison: 12% Very Little or None (1), 23% Some (2), 29% Quite a Bit (3), 35% Very Much (4)

---

**Average Group Responses per Item:** 760

**Average Comparison Responses per Item:** 6,656
Figure 18 (Continued): Extent to which Penn experience contributed to knowledge, skills, and personal development:

- **Group: 26) Developing or clarifying a personal code of values or ethics**
  - Group Mean: 2.83, Comp Mean: 3.00
  - Comparison
    - Very Little or None (1): 14%
    - Some (2): 22%
    - Quite a Bit (3): 32%
    - Very Much (4): 32%

- **Group: 14) Constructively resolving interpersonal conflicts**
  - Group Mean: 2.82, Comp Mean: 2.86
  - Comparison
    - Very Little or None (1): 9%
    - Some (2): 25%
    - Quite a Bit (3): 34%
    - Very Much (4): 29%

- **Group: 8) Understanding the process of science and experimentation**
  - Group Mean: 2.67, Comp Mean: 2.89
  - Comparison
    - Very Little or None (1): 13%
    - Some (2): 22%
    - Quite a Bit (3): 29%
    - Very Much (4): 36%

- **Group: 20) Identifying moral and ethical issues**
  - Group Mean: 2.67, Comp Mean: 2.81
  - Comparison
    - Very Little or None (1): 19%
    - Some (2): 24%
    - Quite a Bit (3): 27%
    - Very Much (4): 29%

- **Group: 7) Critical appreciation of art, music, literature, and drama**
  - Group Mean: 2.42, Comp Mean: 2.66
  - Comparison
    - Very Little or None (1): 26%
    - Some (2): 29%
    - Quite a Bit (3): 21%
    - Very Much (4): 24%

- **Group: 6) Reading or speaking a foreign language**
  - Group Mean: 2.25, Comp Mean: 2.21
  - Comparison
    - Very Little or None (1): 35%
    - Some (2): 26%
    - Quite a Bit (3): 18%
    - Very Much (4): 21%

Average Group Responses per Item: 760
Average Comparison Responses per Item: 6,656
Figure 19: Percent who participated in the following activities during their undergraduate education:

- **9) Internship in the U.S.**: Group 79%, Comparison 76%
- **12) Volunteer service in the U.S.**: Group 54%, Comparison 51%
- **1) Research with a faculty member**: Group 49%, Comparison 54%
- **2) Other research experiences**: Group 48%, Comparison 46%
- **13) Received tutorial help through an institution- or department-based program**: Group 38%, Comparison 37%
- **3) Worked as a tutor or TA in an institution- or department-based program**: Group 34%, Comparison 38%
- **4) Independent study**: Group 29%, Comparison 29%
- **10) Study-abroad program**: Group 28%, Comparison 34%
- **7) Service learning course**: Group 21%, Comparison 10%
- **6) Published or presented a paper off-campus**: Group 18%, Comparison 19%
- **8) Internship abroad**: Group 17%, Comparison 20%
- **11) Volunteer service abroad**: Group 12%, Comparison 13%
- **5) Off-campus study in the U.S.**: Group 5%, Comparison 8%

Group Responses: 837
Comparison Responses: 9,046
Figure 20: Level of satisfaction with the following experiences (if participated):

Group: 11) Volunteer Service abroad
Group Mean= 3.6, Comp Mean= 3.62
Comparison

Group: 8) Internship abroad
Group Mean= 3.6, Comp Mean= 3.53
Comparison

Group: 10) Study-abroad program
Group Mean= 3.59, Comp Mean= 3.66
Comparison

Group: 6) Published or presented a paper off-campus
Group Mean= 3.58, Comp Mean= 3.57
Comparison

Group: 5) Off-campus study in the U.S.
Group Mean= 3.56, Comp Mean= 3.51
Comparison

Group: 9) Internship in the U.S.
Group Mean= 3.53, Comp Mean= 3.54
Comparison

Group: 4) Independent study
Group Mean= 3.5, Comp Mean= 3.49
Comparison

Average Group Responses per Item: 270
Average Comparison Responses per Item: 3,002
Figure 20 (Continued): Level of satisfaction with the following experiences (if participated):

- **Group: 12) Volunteer Service in the U.S.**
  - Group: Mean = 3.46, Comp: Mean = 3.48
  - Comparison:
    - Very Dissatisfied: 3%
    - Generally Dissatisfied: 48%
    - Generally Satisfied: 49%

- **Group: 1) Research with a faculty member**
  - Group: Mean = 3.44, Comp: Mean = 3.40
  - Comparison:
    - Very Dissatisfied: 2%
    - Generally Dissatisfied: 7%
    - Generally Satisfied: 38%
    - Very Satisfied: 54%

- **Group: 2) Other research experiences**
  - Group: Mean = 3.43, Comp: Mean = 3.39
  - Comparison:
    - Very Dissatisfied: 1%
    - Generally Dissatisfied: 4%
    - Generally Satisfied: 49%
    - Very Satisfied: 47%

- **Group: 3) Worked as a tutor or TA in an institution- or department-based program**
  - Group: Mean = 3.41, Comp: Mean = 3.49
  - Comparison:
    - Very Dissatisfied: 2%
    - Generally Dissatisfied: 7%
    - Generally Satisfied: 39%
    - Very Satisfied: 52%

- **Group: 7) Service learning course**
  - Group: Mean = 3.28, Comp: Mean = 3.49
  - Comparison:
    - Very Dissatisfied: 4%
    - Generally Dissatisfied: 9%
    - Generally Satisfied: 44%
    - Very Satisfied: 44%

- **Group: 13) Received tutorial help through an institution- or department-based program**
  - Group: Mean = 3.04, Comp: Mean = 3.17
  - Comparison:
    - Very Dissatisfied: 2%
    - Generally Dissatisfied: 11%
    - Generally Satisfied: 55%
    - Very Satisfied: 32%

Average Group Responses per Item: 270
Average Comparison Responses per Item: 3,002
Figure 21: Percent who participated in the following Awareness-related activities during their undergraduate education:

- **1) Racial/cultural awareness program or workshop**
  - Group: 32%
  - Comparison: 46%

- **2) Sexual harassment seminar or workshop**
  - Group: 52%
  - Comparison: 62%

- **3) Alcohol awareness session**
  - Group: 48%
  - Comparison: 68%

Group Responses: 805
Comparison Responses: 2,575
Figure 22: Percent who participated in the following Extracurricular activities during their undergraduate education at Penn:

- Other student organizations or clubs: 59% (Group) vs. 49% (Comparison)
- Volunteer service: 45% (Group) vs. 41% (Comparison)
- Academic clubs, honor societies, or professional associations: 33% (Group) vs. 44% (Comparison)
- Cultural/Ethnic organization: 22% (Group) vs. 23% (Comparison)
- Religious or spiritual group: 19% (Group) vs. 18% (Comparison)
- Student publications: 18% (Group) vs. 17% (Comparison)
- Music/Theater group: 18% (Group) vs. 18% (Comparison)
- Club sports: 17% (Group) vs. 21% (Comparison)
- Intramural athletics: 17% (Group) vs. 27% (Comparison)
- Intercollegiate athletics (NCAA): 13% (Group) vs. 14% (Comparison)
- Political group: 10% (Group) vs. 7% (Comparison)
- Student government: 5% (Group) vs. 5% (Comparison)

Group Responses: 806
Comparison Responses: 8,900
Figure 23: Agree / Disagree: I have been able to find a balance between my academic work and extracurricular activities:

![Bar chart showing responses to the statement about finding a balance between academic work and extracurricular activities.]

**Group Responses:** 809  
**Comparison Responses:** 8,945  
**Group Mean:** 2.98, **Comp Mean:** 3.07

Table 3: In which of your college years did you work for pay during at least one term?

<table>
<thead>
<tr>
<th>Year</th>
<th>Did not work for pay</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>38%</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td>59%</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td>63%</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td>61%</td>
</tr>
<tr>
<td><strong>Group</strong></td>
<td>23%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Did not work for pay</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>40%</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td>60%</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td>65%</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td>63%</td>
</tr>
<tr>
<td><strong>Comparison</strong></td>
<td>20%</td>
</tr>
</tbody>
</table>

**Percent Difference (Group MINUS Comparison):**

<table>
<thead>
<tr>
<th>Year</th>
<th>Percent Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Year</strong></td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Second Year</strong></td>
<td>-1%</td>
</tr>
<tr>
<td><strong>Third Year</strong></td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Fourth Year</strong></td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Did not work for pay</strong></td>
<td>3%</td>
</tr>
</tbody>
</table>
Figure 24: Percent who received financial aid (e.g., grant, student loan, or work-study job) while an undergraduate at Penn:

- Group Responses: 761
- Comparison Responses: 8,667

Group: University of Pennsylvania
Comparison: Selected Private Institutions

53% 55%

0% 25% 50% 75% 100%

Group
Comparison

Figure 24a: Percent who received a Pell grant while an undergraduate:

- Group Responses: 759
- Comparison Responses: 8,639

21% 19%

0% 25% 50% 75% 100%

Group
Comparison
Figure 25: Total amount borrowed personally during respondents' undergraduate education (tuition, fees, room and board):

- **Group Responses**: 756
- **Comparison Responses**: 8,582

- **Group Mean**=$21,350, **Comparison Mean**=$20,729

Figure 26: Respondents who will receive help paying off loans from parents or family:

- **Group Responses**: 753
- **Comparison Responses**: 8,572
Figure 27: Impact had on family paying for respondents' education (tuition, fees, room and board):

<table>
<thead>
<tr>
<th>None/Slight</th>
<th>Moderate</th>
<th>Considerable</th>
<th>Severe</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>Comparison</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21%</td>
<td>26%</td>
<td>33%</td>
<td>13%</td>
<td>6%</td>
</tr>
<tr>
<td>20%</td>
<td>30%</td>
<td>30%</td>
<td>12%</td>
<td>8%</td>
</tr>
</tbody>
</table>

Group Responses: 757
Comparison Responses: 8,604

Figure 28: Agree / Disagree: I will be seriously burdened by loan payments when I graduate:

<table>
<thead>
<tr>
<th>Strongly Agree (1)</th>
<th>Agree (2)</th>
<th>Disagree (3)</th>
<th>Strongly Disagree (4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group Responses: 750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparison Responses: 8,552</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Group Mean = 3.34, Comp Mean = 3.32
Figure 29: Agree / Disagree: Due to a lack of money, I have had to forego:

Group: 3) Community service
Group Mean = 3.39, Comp Mean = 3.39
Comparison

Group: 2) Extracurricular activities
Group Mean = 3.17, Comp Mean = 3.29
Comparison

Group: 1) Study abroad
Group Mean = 3.12, Comp Mean = 3.18
Comparison

Group: 4) Non-paying research/internships
Group Mean = 2.78, Comp Mean = 2.82
Comparison

Average Group Responses per Item: 743
Average Comparison Responses per Item: 7,569

Figure 29a: Number of years worked:

Group Responses: 750
Comparison Responses: 8,577
Figure 30: Respondents' expected fall plans:

- **Working for pay full-time (including self-employment)**: 75% (Group) vs. 67% (Comparison)
- **Attending graduate or professional school full-time**: 19% (Group) vs. 22% (Comparison)
- **Traveling or just taking time for yourself**: 7% (Group) vs. 9% (Comparison)
- **Undecided**: 7% (Group) vs. 8% (Comparison)
- **Working for pay part-time**: 4% (Group) vs. 6% (Comparison)
- **Enrolled in some other education program**: 3% (Group) vs. 3% (Comparison)
- **Starting my own company or organization**: 2% (Group) vs. 3% (Comparison)
- **Attending graduate or professional school part-time**: 2% (Group) vs. 1% (Comparison)
- **None of the above**: 1% (Group) vs. 2% (Comparison)
- **Family or other caregiving**: 1% (Group) vs. 2% (Comparison)

Group Responses: 802
Comparison Responses: 8,894
Figure 30a: Current employment status, among those expecting to work for pay full-time (including self-employment) this fall:

- **Group**
  - Have accepted a position: 60%
  - Currently searching for a position: 29%
  - Considering one or more specific offers: 6%
  - Have not yet begun job search: 3%
  - I will be self-employed: 1%
  - Not planning on employment this fall: 0%

- **Comparison**
  - Have accepted a position: 64%
  - Currently searching for a position: 26%
  - Considering one or more specific offers: 7%
  - Have not yet begun job search: 3%
  - I will be self-employed: 1%
  - Not planning on employment this fall: 0%

Group Responses: 597
Comparison Responses: 5,984

Figure 30b: Employment sector, among those expecting to work for pay full-time:

- **Group**
  - For-profit corporation/company/group-practice: 78%
  - Non-profit organization/NGO (e.g., arts/human services/international organizations): 13%
  - Government or other public institution or agency, including military: 8%
  - Self-employed in own business or professional non-group practice: 2%

- **Comparison**
  - For-profit corporation/company/group-practice: 75%
  - Non-profit organization/NGO (e.g., arts/human services/international organizations): 14%
  - Government or other public institution or agency, including military: 10%
  - Self-employed in own business or professional non-group practice: 2%

Group Responses: 592
Comparison Responses: 5,924
Table 4a: Top Ten Employer names, among those with an accepted position:

<table>
<thead>
<tr>
<th>Employer Name</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston Consulting Group</td>
<td>10</td>
<td>39</td>
</tr>
<tr>
<td>Mckinsye &amp; Company</td>
<td>9</td>
<td>33</td>
</tr>
<tr>
<td>Credit Suisse</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Deloitte</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Goldman Sachs</td>
<td>8</td>
<td>53</td>
</tr>
<tr>
<td>JPMorgan Chase &amp; Co</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Accenture</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Blackrock</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Google, LLC</td>
<td>7</td>
<td>39</td>
</tr>
<tr>
<td>IBM</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Responses: 334 768

Table 4b: Top Ten Job titles, among those with an accepted position:

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analyst</td>
<td>34</td>
<td>160</td>
</tr>
<tr>
<td>Investment Banking Analyst</td>
<td>29</td>
<td>88</td>
</tr>
<tr>
<td>Software Engineer</td>
<td>22</td>
<td>135</td>
</tr>
<tr>
<td>Associate</td>
<td>14</td>
<td>90</td>
</tr>
<tr>
<td>Business Analyst</td>
<td>14</td>
<td>55</td>
</tr>
<tr>
<td>Associate Consultant</td>
<td>8</td>
<td>62</td>
</tr>
<tr>
<td>Consultant</td>
<td>6</td>
<td>31</td>
</tr>
<tr>
<td>Financial Analyst</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Associate Product Manager</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Business Consultant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Responses: 325 1004

Table 4c: Average starting annual (base) salary:

<table>
<thead>
<tr>
<th>Responses</th>
<th>Mean Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>$75,213</td>
</tr>
<tr>
<td>Comparison</td>
<td>$75,214</td>
</tr>
</tbody>
</table>

* Results shown only when N is greater than 3.
*Figure 31: Position type, among those with an accepted position:

- Financial analyst or advisor: Group 14%, Comparison 9%
- Consultant: Group 13%, Comparison 11%
- Other: Group 11%, Comparison 12%
- Researcher: Group 10%, Comparison 11%
- Business or market analyst: Group 9%, Comparison 7%
- Software developer or programmer: Group 7%, Comparison 9%
- Sales or marketing associate: Group 5%
- Engineer: Group 4%, Comparison 8%
- Nurse: Group 4%
- Teacher (or teacher-in-training): Group 3%, Comparison 5%

Group Responses: 614
Comparison Responses: 6,513

*Question modified in 2018.
Figure 32: Organization type, among those with an accepted position:

- Finance, Banking, or Financial/Investment Services: Group 18%, Comparison 14%
- Healthcare/Medicine: Group 13%, Comparison 12%
- Technology: Computer, IT, Internet, Information, Software: Group 12%, Comparison 13%
- Business & Management Consulting: Group 12%, Comparison 10%
- Advertising, Public Relations/Communications: Group 4%, Comparison 4%
- Scientific Research and Consulting: Group 4%, Comparison 5%
- Education - Other Education: Group 3%, Comparison 5%
- Law, Legal Services, Judicial: Group 3%, Comparison 3%
- Entertainment, Film, Music Publishing: Group 3%, Comparison 3%

Group Responses: 617
Comparison Responses: 6,539

Figure 33: Percent considering establishing a “start-up” company:

- Group: 6%, Comparison: 8%

Group Responses: 355
Comparison Responses: 3,925

*Question modified in 2018.
Figure 34: Planned Fall residence:

![Bar chart showing planned fall residence by location.]

Table 5a: Top Ten planned residences by State:

<table>
<thead>
<tr>
<th>State</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td>209</td>
<td>1,941</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>168</td>
<td></td>
</tr>
<tr>
<td>California</td>
<td>74</td>
<td>1,013</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>35</td>
<td>1,034</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>22</td>
<td>316</td>
</tr>
<tr>
<td>Illinois</td>
<td>16</td>
<td>447</td>
</tr>
<tr>
<td>New Jersey</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>Texas</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Washington</td>
<td>10</td>
<td>199</td>
</tr>
<tr>
<td>Maryland</td>
<td>9</td>
<td>341</td>
</tr>
</tbody>
</table>

Responses: 646 (Group) 7,357 (Comparison)

Table 5b: Top Ten planned Non-U.S. residences by Country:

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>10</td>
<td>120</td>
</tr>
<tr>
<td>France</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Singapore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>England</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>Hong Kong</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Europe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>India</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mexico</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Responses: 48 (Group) 633 (Comparison)

* Results shown only when N is greater than 3.
Figure 35: Percent planning to serve in the U.S. military next year.

Figure 36: Percent planning service or volunteer work (paid or unpaid), through a service organization (e.g., Peace Corps, Teach for America) in the coming year:

Figure 36a: Service organization for those planning service work:
Figure 36b: Planned fall employment for those not working for pay, attending school, or starting own company:

- **Group**
  - Other: 87%
  - Fellowship: 5%
  - Temp or contract work: 4%
  - Internship: 3%
  - Freelancing: 2%
  - Performing: 2%

- **Comparison**
  - Other: 79%
  - Fellowship: 8%
  - Temp or contract work: 6%
  - Internship: 6%
  - Freelancing: 4%
  - Performing: 2%

Group Responses: 802
Comparison Responses: 8,906

Figure 37: Fall educational plans among those intending full-time graduate or professional school:

- **Group**
  - I have one or more acceptances: 83%
  - I don't have any acceptances yet: 10%
  - Not applicable: 7%

- **Comparison**
  - I have one or more acceptances: 88%
  - I don't have any acceptances yet: 8%
  - Not applicable: 3%

Group Responses: 166
Comparison Responses: 2,076
Figure 37a: Percent attending first choice institution:

<table>
<thead>
<tr>
<th></th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>74%</td>
<td>75%</td>
</tr>
<tr>
<td>No</td>
<td>20%</td>
<td>19%</td>
</tr>
<tr>
<td>Haven't heard</td>
<td>7%</td>
<td>6%</td>
</tr>
</tbody>
</table>

Group Responses: 133
Comparison Responses: 786

Figure 38: Reason for NOT attending first choice institution:

<table>
<thead>
<tr>
<th>Reason</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not admitted to first choice institution</td>
<td>85%</td>
<td>90%</td>
</tr>
<tr>
<td>School I will be attending costs less</td>
<td>8%</td>
<td>9%</td>
</tr>
<tr>
<td>More attractive aid/funding</td>
<td>4%</td>
<td>12%</td>
</tr>
<tr>
<td>Constraints on geographic mobility</td>
<td>5%</td>
<td></td>
</tr>
</tbody>
</table>

Group Responses: 26
Comparison Responses: 121

Table 6: Graduate or Professional schools respondents will attend this Fall:

<table>
<thead>
<tr>
<th>School attending</th>
<th>*N</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>42</td>
</tr>
<tr>
<td>Harvard University</td>
<td>5</td>
</tr>
<tr>
<td>Columbia University</td>
<td>5</td>
</tr>
<tr>
<td>Yale University</td>
<td>4</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>4</td>
</tr>
<tr>
<td>Drexel University</td>
<td></td>
</tr>
<tr>
<td>Cornell University</td>
<td>102</td>
</tr>
<tr>
<td>Vanderbilt University</td>
<td></td>
</tr>
<tr>
<td>Cambridge Relay</td>
<td>40</td>
</tr>
<tr>
<td>Berkeley</td>
<td>47</td>
</tr>
<tr>
<td>University of Chicago</td>
<td>40</td>
</tr>
</tbody>
</table>

Responses: 117 1,545

* Results shown only when N is greater than 3
Figure 39: Degrees respondents plan to pursue NEXT YEAR:

- Masters: 47% (Group), 45% (Comparison)
- Professional Masters: 9% (Group), 9% (Comparison)
- Medical/Law: 28% (Group), 24% (Comparison)
- Doctorate Degree: 24% (Group), 28% (Comparison)

Group Responses: 160
Comparison Responses: 2,039

Figure 39a: Doctorate fields of study:

- Biological sciences: 37% (Group), 20% (Comparison)
- Engineering, other applied sciences: 26% (Group), 33% (Comparison)
- Physical sciences: 18% (Group), 29% (Comparison)
- Humanities or arts: 8% (Group), 5% (Comparison)
- Social sciences: 8% (Group), 9% (Comparison)
- Other Doctorate: 3% (Group), 5% (Comparison)
- Education: 1% (Group), 1% (Comparison)

Group Responses: 38
Comparison Responses: 571
Figure 40: Educational plans beyond next year:

- **Plan to pursue a graduate or professional degree**
  - Group: 58%
  - Comparison: 66%

- **Don't plan to pursue a graduate or professional degree**
  - Group: 9%
  - Comparison: 7%

- **Undecided**
  - Group: 32%
  - Comparison: 27%

Group Responses: 761
Comparison Responses: 8,672

Figure 40a: Degrees respondents plan to pursue beyond next year:

- **Masters**
  - Group: 59%
  - Comparison: 61%

- **Professional Masters**
  - Group: 11%
  - Comparison: 10%

- **Medical/Law**
  - Group: 43%
  - Comparison: 44%

- **Doctorate Degree**
  - Group: 30%
  - Comparison: 32%

- **Other Degree**
  - Group: 0%
  - Comparison: 4%

Group Responses: 311
Comparison Responses: 3,840
2018 Senior Survey: Plans-Future Plans

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 40b: Degrees respondents plan to pursue beyond next year:

Table 7: Average Scores on Graduate Professional Exams (GRE, GMAT, LSAT, and MCAT):

<table>
<thead>
<tr>
<th>Group</th>
<th>N</th>
<th>Min</th>
<th>Max</th>
<th>Mean</th>
<th>Median</th>
<th>Std</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRE Quantitative</td>
<td>69</td>
<td>147</td>
<td>170</td>
<td>162</td>
<td>162</td>
<td>6.48</td>
</tr>
<tr>
<td>GRE Verbal</td>
<td>69</td>
<td>151</td>
<td>170</td>
<td>163</td>
<td>162</td>
<td>4.55</td>
</tr>
<tr>
<td>GRE Writing</td>
<td>66</td>
<td>3.5</td>
<td>6.0</td>
<td>5.0</td>
<td>5.0</td>
<td>0.62</td>
</tr>
<tr>
<td>LSAT</td>
<td>24</td>
<td>156</td>
<td>179</td>
<td>167</td>
<td>168</td>
<td>5.95</td>
</tr>
<tr>
<td>MCAT Total</td>
<td>52</td>
<td>500</td>
<td>526</td>
<td>516</td>
<td>517</td>
<td>7.32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Comparison</th>
<th>N</th>
<th>Min</th>
<th>Max</th>
<th>Mean</th>
<th>Median</th>
<th>Std</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRE Quantitative</td>
<td>1245</td>
<td>136</td>
<td>170</td>
<td>164</td>
<td>166</td>
<td>5.71</td>
</tr>
<tr>
<td>GRE Verbal</td>
<td>1246</td>
<td>15</td>
<td>170</td>
<td>163</td>
<td>162</td>
<td>8.70</td>
</tr>
<tr>
<td>GRE Writing</td>
<td>1206</td>
<td>2</td>
<td>6.0</td>
<td>4.9</td>
<td>5.0</td>
<td>0.64</td>
</tr>
<tr>
<td>LSAT</td>
<td>324</td>
<td>15</td>
<td>180</td>
<td>162</td>
<td>167</td>
<td>28.18</td>
</tr>
<tr>
<td>MCAT Total</td>
<td>725</td>
<td>48</td>
<td>528</td>
<td>515</td>
<td>517</td>
<td>18.85</td>
</tr>
</tbody>
</table>
Figure 41: Importance of each of the following to respondents' future plans:

<table>
<thead>
<tr>
<th>Group Mean</th>
<th>Comp Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.23</td>
<td>3.06</td>
</tr>
<tr>
<td>3.18</td>
<td>3.07</td>
</tr>
<tr>
<td>3.15</td>
<td>3.06</td>
</tr>
<tr>
<td>3.1</td>
<td>3.02</td>
</tr>
<tr>
<td>3.05</td>
<td>2.94</td>
</tr>
<tr>
<td>2.97</td>
<td>2.90</td>
</tr>
<tr>
<td>2.79</td>
<td>2.73</td>
</tr>
<tr>
<td>2.63</td>
<td>2.53</td>
</tr>
<tr>
<td>2.63</td>
<td>2.55</td>
</tr>
</tbody>
</table>

Group Mean: 3.23, Comp Mean: 3.06
Group Mean: 3.18, Comp Mean: 3.07
Group Mean: 3.15, Comp Mean: 3.06
Group Mean: 3.1, Comp Mean: 3.02
Group Mean: 3.05, Comp Mean: 2.94
Group Mean: 2.97, Comp Mean: 2.90
Group Mean: 2.79, Comp Mean: 2.73
Group Mean: 2.63, Comp Mean: 2.53
Group Mean: 2.63, Comp Mean: 2.55

Average Group Responses per Item: 752
Average Comparison Responses per Item: 4,445
Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 41 (Continued): Importance of each of the following to respondents’ future plans:

- Group: 2) Working for social and political change
  - Group Mean= 2.59, Comp Mean= 2.65
  - Comparison

- Group: 11) Contributing to science and innovation
  - Group Mean= 2.55, Comp Mean= 2.54
  - Comparison

- Group: 14) Doing creative and expressive work
  - Group Mean= 2.52, Comp Mean= 2.62
  - Comparison

- Group: 15) Doing work that is in accordance with my philosophy or religion
  - Group Mean= 2.29, Comp Mean= 2.28
  - Comparison

- Group: 4) Participating in politics or community affairs
  - Group Mean= 2.21, Comp Mean= 2.31
  - Comparison

- Group: 7) Living or working abroad
  - Group Mean= 2.16, Comp Mean= 2.10
  - Comparison

- Group: 12) Being successful in a business of my own
  - Group Mean= 2.13, Comp Mean= 2.10
  - Comparison

- Group: 6) Expressing myself artistically
  - Group Mean= 2.13, Comp Mean= 2.23
  - Comparison

- Group: 3) Participating in religious activities
  - Group Mean= 1.77, Comp Mean= 1.74
  - Comparison

Average Group Responses per Item: 752
Average Comparison Responses per Item: 4,445
Figure 42: Helpfulness of parents’ or guardians’ advice and assistance while making plans for next year:

Percent of Responding Have Not Asked for Advice

<table>
<thead>
<tr>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Have Asked for Advice</td>
<td>12%</td>
</tr>
<tr>
<td>Somewhat Helpful</td>
<td>36%</td>
</tr>
<tr>
<td>Very Helpful</td>
<td>52%</td>
</tr>
</tbody>
</table>

Group Responses: 791
Comparison Responses: 8,826
Group Mean = 2.40, Comp Mean = 2.34

Figure 42a: Percent of respondents who talked with Penn alumni/ae to help make plans for next year:

<table>
<thead>
<tr>
<th></th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>64%</td>
<td>58%</td>
</tr>
</tbody>
</table>

Group Responses: 791
Comparison Responses: 8,814

Figure 42b: Helpfulness of advice and assistance from alumni/ae while making plans for next year:

Note: Response categories reversed

<table>
<thead>
<tr>
<th></th>
<th>Not Very Helpful (1)</th>
<th>Somewhat Helpful (2)</th>
<th>Very Helpful (3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>2%</td>
<td>34%</td>
<td>64%</td>
</tr>
<tr>
<td></td>
<td>3%</td>
<td>40%</td>
<td>57%</td>
</tr>
</tbody>
</table>

Comparison Responses: 5,033
Group Mean = 2.61, Comp Mean = 2.54
Figure 43: Number of faculty members who respondents feel can provide them a professional recommendation:

- **Group Responses:** 790
- **Comparison Responses:** 8,808
- **Group Mean:** 2.42, **Comp Mean:** 2.38

Figure 43a: Percent of respondents who expect to stay in touch with Penn faculty after graduation:

- **Group Responses:** 790
- **Comparison Responses:** 8,804
Figure 44: Frequency of one-on-one counseling sessions with Career Services staff:

<table>
<thead>
<tr>
<th></th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>48%</td>
<td>48%</td>
</tr>
<tr>
<td>Once</td>
<td>26%</td>
<td>26%</td>
</tr>
<tr>
<td>More than once</td>
<td>26%</td>
<td>26%</td>
</tr>
</tbody>
</table>

Figure 44a: Frequency of attending workshops, seminars, info sessions, or other events sponsored by Career Services while at Penn:

<table>
<thead>
<tr>
<th></th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>39%</td>
<td>40%</td>
</tr>
<tr>
<td>Once</td>
<td>29%</td>
<td>29%</td>
</tr>
<tr>
<td>More than once</td>
<td>32%</td>
<td>31%</td>
</tr>
</tbody>
</table>

Group Responses: 786
Comparison Responses: 8,793

Group Responses: 786
Comparison Responses: 8,756
Figure 44b: Academic year when respondent made first contact with Career Services (e.g., attended a program/event, or met with a career advisor):

Group Responses: 631
Comparison Responses: 6,952

Figure 45: Overall satisfaction with Career Services:

Group Mean= 2.72, Comp Mean= 2.66
Figure 46: Helpfulness of the following Career Services offerings:

**Group: 2) Specific career field/industry advice**
- Group Mean = 2.16, Comp Mean = 2.18
- Percent Responding Didn't Use: 22%

**Group: 1) General career advice**
- Group Mean = 2.09, Comp Mean = 2.12
- Percent Responding Didn't Use: 23%

**Group: 4) Career Services Database**
- Group Mean = 2.01, Comp Mean = 1.88
- Percent Responding Didn't Use: 32%

**Group: 3) Website resources**
- Group Mean = 1.96, Comp Mean = 2.06
- Percent Responding Didn't Use: 18%

Average Group Responses per Item: 784
Average Comparison Responses per Item: 6,152

---

Figure 46a: Level of confidence in identifying appropriate employers and positions over the next year:

**Group Responses per Item:** 785
**Comparison Responses per Item:** 8,776

**Group Mean** = 2.91, **Comp Mean** = 2.95
Figure 47: Frequency of conversations with students who differ:

- **Group: 7) in belonging to other Penn schools**
  - Group Mean = 3.52, Std = 0.72
  - Rarely or never (1): 1%
  - Occasionally (2): 10%
  - Often (3): 25%
  - Very often (4): 64%

- **Group: 1) in race or ethnicity**
  - Group Mean = 3.46, Std = 0.72
  - Rarely or never (1): 12%
  - Occasionally (2): 29%
  - Often (3): 59%

- **Group: 6) in socio-economic background**
  - Group Mean = 3.29, Std = 0.80
  - Rarely or never (1): 2%
  - Occasionally (2): 15%
  - Often (3): 34%
  - Very often (4): 49%

- **Group: 4) in religious beliefs**
  - Group Mean = 3.28, Std = 0.84
  - Rarely or never (1): 3%
  - Occasionally (2): 15%
  - Often (3): 32%
  - Very often (4): 49%

- **Group: 2) in nationality**
  - Group Mean = 3.26, Std = 0.83
  - Rarely or never (1): 2%
  - Occasionally (2): 18%
  - Often (3): 31%
  - Very often (4): 49%

- **Group: 3) in sexual orientation**
  - Group Mean = 3.09, Std = 0.92
  - Rarely or never (1): 5%
  - Occasionally (2): 23%
  - Often (3): 30%
  - Very often (4): 42%

- **Group: 5) in political beliefs**
  - Group Mean = 2.6, Std = 1.09
  - Rarely or never (1): 19%
  - Occasionally (2): 31%
  - Often (3): 21%
  - Very often (4): 29%

Average Group Responses per Item: 644
Figure 48: Agreement / Disagreement with the following statements:

- **Group: 2) I feel free to express my religious beliefs on campus**
  - Group Mean = 3.25, Std = 0.71
  - Strongly Disagree (1): 3%
  - Disagree (2): 8%
  - Agree (3): 51%
  - Strongly Agree (4): 39%

- **Group: 1) I feel free to express my political beliefs on campus**
  - Group Mean = 3.08, Std = 0.93
  - Strongly Disagree (1): 9%
  - Disagree (2): 11%
  - Agree (3): 41%
  - Strongly Agree (4): 38%

- **Group: 5) Students are respected here regardless of their sexual orientation**
  - Group Mean = 3.05, Std = 0.74
  - Strongly Disagree (1): 4%
  - Disagree (2): 13%
  - Agree (3): 57%
  - Strongly Agree (4): 26%

- **Group: 6) Students are respected here regardless of their gender**
  - Group Mean = 2.99, Std = 0.76
  - Strongly Disagree (1): 4%
  - Disagree (2): 18%
  - Agree (3): 54%
  - Strongly Agree (4): 25%

- **Group: 4) Students are respected here regardless of their race or ethnicity**
  - Group Mean = 2.81, Std = 0.85
  - Strongly Disagree (1): 9%
  - Disagree (2): 21%
  - Agree (3): 51%
  - Strongly Agree (4): 20%

- **Group: 3) Students are respected here regardless of their economic or social class**
  - Group Mean = 2.48, Std = 0.90
  - Strongly Disagree (1): 16%
  - Disagree (2): 32%
  - Agree (3): 40%
  - Strongly Agree (4): 12%

Average Group Responses per Item: 624
Figure 49: Respondents' impression of the Penn community:

- **Group: 3) Competitive**
  - Group Mean= 3.88, Std= 0.37
  - Not at all (1): 1%
  - A little (2): 9%
  - Moderately (3): 89%

- **Group: 1) Safe**
  - Group Mean= 3.48, Std= 0.62
  - Not at all (1): 1%
  - A little (2): 3%
  - Moderately (3): 43%
  - Very (4): 53%

- **Group: 4) Diverse**
  - Group Mean= 3.2, Std= 0.74
  - Not at all (1): 2%
  - A little (2): 34%
  - Moderately (3): 47%
  - Very (4): 38%

- **Group: 2) Welcoming**
  - Group Mean= 2.81, Std= 0.83
  - Not at all (1): 7%
  - A little (2): 24%
  - Moderately (3): 50%
  - Very (4): 19%

Average Group Responses per Item: 564
Figure 50: Perceived frequency of cheating, including plagiarism, at Penn:

Note: Response categories reversed

- Very Often (1)
- Often (2)
- Sometimes (3)
- Never (4)

Group Responses: 749

Group Mean = 2.94, Std = 0.74

Figure 51: Perception of whether Sexual assault / Misconduct at Penn is problematic:

Note: Response categories reversed

- Extremely (1)
- Very (2)
- A little (3)
- Not at all (4)
- Moderate (5)

Group Responses: 709

Group Mean = 2.75, Std = 1.05

Figure 52: Familiarity with the following:

Group 2) Where to get help if you or a friend experienced sexual assault or misconduct at Penn

Group Mean = 3.03, Std = 1.15

Group 1) How sexual assault and sexual misconduct are defined at Penn

Group Mean = 2.85, Std = 1.10

Group 3) Where to make a report of sexual assault or sexual misconduct at Penn

Group Mean = 2.83, Std = 1.18

Group 4) What happens when a student reports an incident of sexual assault at Penn

Group Mean = 2.58, Std = 1.16

Average Group Responses per Item: 565
Figure 53: Awareness of services provided by the following:

- Student Health Service (SHS): 99%
- Counseling and Psychological Services (CAPS): 98%
- Division of Public Safety/Special Services (DPS): 88%
- Penn Women's Center (PWC): 83%
- Lesbian Gay Bisexual Transgender Center (LGBT Center): 80%
- Office of Student Conduct (OSC): 65%
- Office of the Chaplain: 59%
- Office of Sexual Violence Prevention and Education: 42%
- Graduate Student Center (GSC): 37%
- Student Intervention Services (SIS): 33%
- International Student and Scholar Services (ISSS): 29%
- Sexual Violence Investigative Officer: 22%
- Title IX Coordinator: 21%
- Office of Affirmative Action and Equal Opportunity Programs: 16%
- Family Resource Center at Penn: 12%

Group Responses: 746
**Figure 54: Agreement / Disagreement with the following statements:**

<table>
<thead>
<tr>
<th>Group</th>
<th>Statement</th>
<th>Strongly disagree (1)</th>
<th>Disagree (2)</th>
<th>Neutral (3)</th>
<th>Agree (4)</th>
<th>Strongly agree (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>The administration tries to be helpful</td>
<td>5%</td>
<td>14%</td>
<td>22%</td>
<td>48%</td>
<td>12%</td>
</tr>
<tr>
<td></td>
<td><strong>Group Mean</strong> = 3.48 , <strong>Std</strong> = 1.03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2)</td>
<td>The administration is concerned about my welfare</td>
<td>10%</td>
<td>18%</td>
<td>26%</td>
<td>38%</td>
<td>8%</td>
</tr>
<tr>
<td></td>
<td><strong>Group Mean</strong> = 3.16 , <strong>Std</strong> = 1.13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3)</td>
<td>The administration is responsive</td>
<td>8%</td>
<td>23%</td>
<td>30%</td>
<td>34%</td>
<td>5%</td>
</tr>
<tr>
<td></td>
<td><strong>Group Mean</strong> = 3.06 , <strong>Std</strong> = 1.04</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4)</td>
<td>I know what office to go to, or who to talk to when I have a problem</td>
<td>9%</td>
<td>24%</td>
<td>27%</td>
<td>33%</td>
<td>7%</td>
</tr>
<tr>
<td></td>
<td><strong>Group Mean</strong> = 3.04 , <strong>Std</strong> = 1.10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5)</td>
<td>The administration is transparent</td>
<td>18%</td>
<td>33%</td>
<td>29%</td>
<td>17%</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td><strong>Group Mean</strong> = 2.54 , <strong>Std</strong> = 1.05</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average Group Responses per Item: 745

**Figure 55: What respondents mean by 'Administration':**

<table>
<thead>
<tr>
<th>Category</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Office of the President or Provost</td>
<td>74%</td>
</tr>
<tr>
<td>The University as a whole</td>
<td>63%</td>
</tr>
<tr>
<td>Your school (SAS, Engineering, Nursing, and Wharton, including advising offices)</td>
<td>36%</td>
</tr>
<tr>
<td>VPUL (e.g. Career Services, Counseling and Psychological Services (CAPS), Student Health (SHS), Weingarten (WLRC))</td>
<td>33%</td>
</tr>
<tr>
<td>Faculty</td>
<td>12%</td>
</tr>
<tr>
<td>Your major's department</td>
<td>9%</td>
</tr>
<tr>
<td>A specific office or offices</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>2%</td>
</tr>
</tbody>
</table>

Group Responses: 744
*Figure 56: Extent to which the following have been a problem:

<table>
<thead>
<tr>
<th>Group</th>
<th>Item</th>
<th>Average Group Responses per Item: 726</th>
</tr>
</thead>
<tbody>
<tr>
<td>7)</td>
<td>Finding campus employment</td>
<td>3% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.43 , Std= 0.92</td>
<td>25% Not Applicable</td>
</tr>
<tr>
<td>8)</td>
<td>Finding off-campus housing</td>
<td>4% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.32 , Std= 3.32</td>
<td>18% Not Applicable</td>
</tr>
<tr>
<td>6)</td>
<td>Finding a research opportunity</td>
<td>6% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.26 , Std= 0.92</td>
<td>25% Not Applicable</td>
</tr>
<tr>
<td>10)</td>
<td>University policies or practices concerning alcohol and drugs</td>
<td>9% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.21 , Std= 0.99</td>
<td>9% Not Applicable</td>
</tr>
<tr>
<td>12)</td>
<td>Policies or practices around student activities and student organizations</td>
<td>7% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.2 , Std= 0.90</td>
<td>7% Not Applicable</td>
</tr>
<tr>
<td>2)</td>
<td>Course registration process</td>
<td>6% Serious (1)</td>
</tr>
<tr>
<td></td>
<td>Group Mean= 3.14 , Std= 0.98</td>
<td>4% Not Applicable</td>
</tr>
</tbody>
</table>
*Figure 56 (Continued): Extent to which the following have been a problem:

- **Group: 3) Getting the classes you need**
  - Group Mean = 3.12, Std = 0.90

- **Group: 11) Policies or practices around academics (e.g., degree requirements, academic standing, grade changes, course retakes, etc)**
  - Group Mean = 3.07, Std = 0.98

- **Group: 5) Academic advising from faculty**
  - Group Mean = 3.04, Std = 1.03

- **Group: 13) University handling of sexual assault or misconduct incidents**
  - Group Mean = 2.91, Std = 1.11

- **Group: 4) Financial aid**
  - Group Mean = 2.91, Std = 1.12

- **Group: 1) Course grading practices**
  - Group Mean = 2.86, Std = 0.97

- **Group: 9) Being sent from office to office when trying to get something done**
  - Group Mean = 2.85, Std = 1.04

Average Group Responses per Item: 726
Appendix: General Report Overview and Instructions for Reading the Output
2018 Senior Survey: General Report Overview and Instructions for Reading the Output

The following page provides sample output for female student responses to the inquiry: *What is your impression of Penn’s campus community?* Several elements on the page provide information about this response:

- **The page title** located at the top of each page provides the survey name and is followed by the general area of inquiry or dimension—in this case *2018 Senior Survey Results: Penn Community*. There are nine broad areas of inquiry, or dimensions:

  - Respondent Representativeness (based on Penn SRS data)
  - Student Demographics-Background (based on survey respondent data)
  - Student Satisfaction
  - Perception of Skills, Competencies, and Abilities
  - Academic Experiences
  - Undergraduate Experience-Extracurricular Activities and Working for Pay
  - Financing College
  - Plans
  - Penn Community

- **Sub-titles** located in the top left-hand corner of the page provide brief descriptions of the response group as well as the comparison group. In this case, the group under consideration - the response group - is Female Student. This group is being compared to Male Student.

- **The chart title** provides the figure number and the specific survey question for the data presented in the figure. In this case *Figure 49: What is your impression of Penn’s campus community?*

  Numbering of all figures and pages is consistent across groups—this allows individuals who wish to compare two or more reports to quickly find analogous information.

- **Question items** appear along the vertical axis—in this case:
  - Competitive
  - Safe
  - Diverse
  - Welcoming

  When possible, responses within figures are ordered from greatest mean response to least mean response. In this case, the item *Competitive* received the greatest mean score and *Welcoming* received the least mean score for this dimension.

- **The legend** located below the chart body, provides the response categories, as well as the corresponding numeric code for each category. Each category is also assigned a color code; in general, warm colors (yellow, orange, red, etc.) are associated with positive responses, while cool colors (blue, green, etc.) are associated with negative responses.

  In this case, the response category “Moderately” is assigned a numeric code (3), while the response category “Very” is assigned to the code (4)—a mean response of 3.88 for the survey item “Competitive” implies that respondents judge the Penn community to be between moderately (3) and very (4) competitive.
The chart body provides the response frequency distribution for each item. For instance, with respect to the item “Competitive,” the chart body reveals the following response distribution:

- Not at all (1) – 0.0%
- A little (2) – 1%
- Moderately (3) – 9%
- Very (4) – 89%

The Average Responses per item is the average number of student responses for all items in the question. In this case, an average of 448 students rated the items displayed in the chart: “Competitive,” “Safe”, “Diverse”, and “Welcoming”.

Results for equality of means tests are displayed in light grey for many items. In the example on the next page, when asked how competitive they perceive Penn’s community, on average female students do not differ significantly from their male counterparts. There are many shortcomings to using such tests of significance; each item is tested at the .05% level of significance and no consideration is taken for simultaneous confidence levels; these tests are also less useful when the number of observations in the group under consideration and the comparison group differ dramatically.

The group represented in each report (the “Group”) is compared against all respondents who are not in the group (the “Comparison”). In this case, Female Student is compared against Male Student.
2018 Senior Survey: Penn Community

Group: Female
Comparison: Male

Figure 49: Respondents' impression of the Penn community:

Average Group Responses per Item: 448
Average Comparison Responses per Item: 304