2012 Senior Survey Results

Group: University of Pennsylvania

Comparison:
Selected Private Research Institutions
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Appendix: General Report Overview and Instructions for Reading the Output ........ III-V
Selected Private Research Institutions
Respondent Representativeness (based on Penn SRS data)
### Overall Response Rate

<table>
<thead>
<tr>
<th>Group</th>
<th>Population</th>
<th>Respondents</th>
<th>Overall Response Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Penn Seniors</td>
<td>2,407</td>
<td>942</td>
<td>39.1%</td>
</tr>
</tbody>
</table>

### By School

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>College</td>
<td>1,502</td>
<td>546</td>
<td>62.4%</td>
<td>58.0%</td>
<td>-4.4%</td>
</tr>
<tr>
<td>Engineering</td>
<td>300</td>
<td>142</td>
<td>12.5%</td>
<td>15.1%</td>
<td>2.6%</td>
</tr>
<tr>
<td>Nursing</td>
<td>86</td>
<td>47</td>
<td>3.6%</td>
<td>5.0%</td>
<td>1.4%</td>
</tr>
<tr>
<td>Wharton</td>
<td>519</td>
<td>207</td>
<td>21.6%</td>
<td>22.0%</td>
<td>0.4%</td>
</tr>
<tr>
<td>Total</td>
<td>2,407</td>
<td>942</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

### By Gender

<table>
<thead>
<tr>
<th>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>1,273</td>
<td>560</td>
<td>52.9%</td>
<td>59.4%</td>
<td>6.6%</td>
</tr>
<tr>
<td>Male</td>
<td>1,134</td>
<td>382</td>
<td>47.1%</td>
<td>40.6%</td>
<td>-6.6%</td>
</tr>
<tr>
<td>Total</td>
<td>2,407</td>
<td>942</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>

### By Race/Ethnicity

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Population</th>
<th>Respondents</th>
<th>Population Distribution</th>
<th>Respondent Distribution</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>International</td>
<td>233</td>
<td>99</td>
<td>9.7%</td>
<td>10.5%</td>
<td>0.8%</td>
</tr>
<tr>
<td>Non-URM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White non-Hispanic</td>
<td>1,154</td>
<td>481</td>
<td>47.9%</td>
<td>51.1%</td>
<td>3.1%</td>
</tr>
<tr>
<td>Asian American/Pacific Islander</td>
<td>437</td>
<td>187</td>
<td>18.2%</td>
<td>19.9%</td>
<td>1.7%</td>
</tr>
<tr>
<td>Unknown</td>
<td>190</td>
<td>34</td>
<td>7.9%</td>
<td>3.6%</td>
<td>-4.3%</td>
</tr>
<tr>
<td>URM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>African American/Black</td>
<td>184</td>
<td>60</td>
<td>7.6%</td>
<td>6.4%</td>
<td>-1.3%</td>
</tr>
<tr>
<td>Hispanic/Latino/a</td>
<td>144</td>
<td>55</td>
<td>6.0%</td>
<td>5.8%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>8</td>
<td>2</td>
<td>0.3%</td>
<td>0.2%</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>57</td>
<td>24</td>
<td>2.4%</td>
<td>2.5%</td>
<td>0.2%</td>
</tr>
<tr>
<td>Total</td>
<td>2,407</td>
<td>942</td>
<td>100%</td>
<td>100%</td>
<td></td>
</tr>
</tbody>
</table>
Student Demographics
Figure 1: Response by Gender

Group Responses: 654

Figure 2: What is your sexual orientation?

Group Responses: 655
Figure 3: Response by Citizenship Status

<table>
<thead>
<tr>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>91%</td>
</tr>
<tr>
<td>No</td>
<td>9%</td>
</tr>
</tbody>
</table>

Figure 4: Response by Race/Ethnicity (US Citizen only)

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Group Responses</th>
<th>Comparison Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>White non-Hispanic</td>
<td>62%</td>
<td>63%</td>
</tr>
<tr>
<td>Asian American/Pacific Islander</td>
<td>21%</td>
<td>20%</td>
</tr>
<tr>
<td>Hispanic/Latino/a</td>
<td>8%</td>
<td>5%</td>
</tr>
<tr>
<td>African American/Black</td>
<td>6%</td>
<td>4%</td>
</tr>
<tr>
<td>Two or More Races</td>
<td>3%</td>
<td>9%</td>
</tr>
</tbody>
</table>
Figure 5: Were you admitted to Penn as

- Regular admission: Group 54%, Comparison 61%
- Early Action or Early Decision: Group 41%, Comparison 32%
- Transfer from another institution: Group 5%, Comparison 7%

Group Responses: 651

Figure 6: Average SAT score

Verbal: Group 710, Comparison 710
Math: Group 733, Comparison 732
Writing: Group 723, Comparison 714

Group Composite=2167, Comparison Composite=2155
Figure 7: What is your average GPA?

Group Responses: 650

(Group Mean=3.55, Std=0.57, Z=-0.02)
2012 Senior Survey: Student Demographics-Background (based on survey respondent data)

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Table 1: During which undergraduate years did you live '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>91%</td>
<td>67%</td>
<td>51%</td>
<td>39%</td>
</tr>
<tr>
<td>Comparison</td>
<td>90%</td>
<td>77%</td>
<td>53%</td>
<td>35%</td>
</tr>
</tbody>
</table>

Figure 8: When you first started college, in what general field were you planning to major?

Group Responses: 652
Figure 9: Did either of your parents attend the institution from which you will graduate this spring?

- Yes: Group 15%, Comparison 10%
- No: Group 85%, Comparison 90%

Group Responses: 644

Figure 10: What is the highest level of education completed by your parents or stepparents?

- No high school diploma: 3%, 3%
- High school diploma or equivalent: 5%, 4%
- Post-secondary school other than college: 1%, 1%
- Some college or associate’s degree: 7%, 10%
- Bachelor’s degree: 32%, 26%
- Graduate or Professional degree: 51%, 56%
- Unsure/Don’t Know: 0%, 0%

Average Responses per Item: 638
Figure 11: What is the best estimate of the total annual before-tax income from all sources of the parent, parents, and/or step-parents who helped pay for your undergraduate education?

Group Responses: 601
Student Satisfaction

Overall
General Academic within the Major
Services and Facilities
Campus Life
Figure 12: Overall, how satisfied have you been with your undergraduate education?

- Very Dissatisfied, Generally Dissatisfied OR Ambivalent (1)
- Ambivalent, Generally Satisfied OR Very Satisfied (5)

Responses: 902

(Group Mean=4.18, Std=0.85, Z=-3.03) <
Figure 13: Thinking about your entire academic experience at Penn, how satisfied are you with each of the following?

- **Very Dissatisfied** OR **Generally Dissatisfied**
- **Generally Satisfied** OR **Very Satisfied**

<table>
<thead>
<tr>
<th>Item</th>
<th>Group Mean</th>
<th>Std</th>
<th>Z</th>
<th>Percent Responding</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Overall quality of instruction</td>
<td>3.22</td>
<td>0.79</td>
<td>-0.79</td>
<td>0%</td>
</tr>
<tr>
<td>2) Academic advising before declaring a major</td>
<td>2.77</td>
<td>0.9</td>
<td>1.11</td>
<td>10%</td>
</tr>
<tr>
<td>3) Out-of-class availability of faculty</td>
<td>3.34</td>
<td>0.59</td>
<td>0.25</td>
<td>1%</td>
</tr>
<tr>
<td>4) Opportunities to participate in research with a faculty member</td>
<td>3.22</td>
<td>0.79</td>
<td>-0.35</td>
<td>19%</td>
</tr>
<tr>
<td>5) Availability of academic support and assistance</td>
<td>3.23</td>
<td>0.69</td>
<td>0.17</td>
<td>5%</td>
</tr>
<tr>
<td>6) Availability of courses you wanted to take outside your major</td>
<td>3.24</td>
<td>0.78</td>
<td>0.09</td>
<td>1%</td>
</tr>
<tr>
<td>7) Humanities and arts courses</td>
<td>3.46</td>
<td>0.62</td>
<td>0.08</td>
<td>4%</td>
</tr>
<tr>
<td>8) Natural science and math courses</td>
<td>2.52</td>
<td>0.88</td>
<td>4.32</td>
<td>6%</td>
</tr>
<tr>
<td>9) Social science courses</td>
<td>3.3</td>
<td>0.65</td>
<td>0.25</td>
<td>8%</td>
</tr>
<tr>
<td>10) Engineering courses</td>
<td>2.93</td>
<td>0.87</td>
<td>-2.48</td>
<td>68%</td>
</tr>
<tr>
<td>11) Pre-med courses</td>
<td>2.54</td>
<td>0.86</td>
<td>-2.75</td>
<td>68%</td>
</tr>
<tr>
<td>12) Level of intellectual excitement</td>
<td>3.2</td>
<td>0.71</td>
<td>-1.14</td>
<td>1%</td>
</tr>
<tr>
<td>13) Opportunities for class discussion</td>
<td>3.22</td>
<td>0.71</td>
<td>5.28</td>
<td>&lt;</td>
</tr>
</tbody>
</table>

Average Responses per Item: 795
Figure 14: On the whole, how satisfied are you with your FIRST MAJOR?

Responses: 774

(Group Mean=4.18, Std=0.96, Z=1.09) =
Figure 14a: How satisfied are you with each of the following aspects of your FIRST MAJOR?

- **7) Helpfulness of faculty outside the classroom**
  - (Group Mean=3.39, Std=0.68, Z=0.24) = 1%

- **10) Out-of-class availability of faculty**
  - (Group Mean=3.38, Std=0.64, Z=2.12) = 1%

- **2) Quality of instruction**
  - (Group Mean=3.29, Std=0.72, Z=0.08) = 0%

- **3) Level of intellectual excitement**
  - (Group Mean=3.28, Std=0.76, Z=-0.34) = 0%

- **1) Availability of courses you wanted to take**
  - (Group Mean=3.25, Std=0.75, Z=0.42) = 0%

- **6) Opportunities for class discussion**
  - (Group Mean=3.22, Std=0.79, Z=0.09) = 2%

- **11) Classrooms and classroom facilities**
  - (Group Mean=3.2, Std=0.75, Z=0.68) = 0%

- **8) Availability of tutoring and other help**
  - (Group Mean=3.06, Std=0.82, Z=0) = 31%

- **9) Flexibility**
  - (Group Mean=3.06, Std=0.88, Z=-1.26) = 2%

- **5) Laboratory experience**
  - (Group Mean=3.04, Std=0.84, Z=-0.36) = 49%

- **4) Quality of advising**
  - (Group Mean=2.99, Std=0.9, Z=0.09) = 4%

Average Responses per Item: 768
2012 Senior Survey: Student Satisfaction-General Academic within the Major

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 15: On the whole, how satisfied are you with your SECOND MAJOR?

Responses: 236

(Group Mean=4.31, Std=0.81, Z=2.61)
Figure 15a: How satisfied are you with each of the following aspects of your SECOND MAJOR?

10) Out-of-class availability of faculty
(Group Mean=3.5, Std=0.68, Z=-2.61) <

11) Classrooms and classroom facilities
(Group Mean=3.47, Std=0.72, Z=0.6) =

7) Helpfulness of faculty outside the classroom
(Group Mean=3.44, Std=0.66, Z=2.11) =

2) Quality of instruction
(Group Mean=3.38, Std=0.69, Z=1.83) =

6) Opportunities for class discussion
(Group Mean=3.37, Std=0.75, Z=1.12) =

1) Availability of courses you wanted to take
(Group Mean=3.34, Std=0.71, Z=1.77) =

9) Flexibility
(Group Mean=3.32, Std=0.76, Z=-0.74) =

3) Level of intellectual excitement
(Group Mean=3.31, Std=0.72, Z=-0.78) =

8) Availability of tutoring and other help
(Group Mean=3.17, Std=0.78, Z=-0.16) =

4) Quality of advising
(Group Mean=3.1, Std=0.82, Z=0.85) =

5) Laboratory experience
(Group Mean=2.9, Std=0.97, Z=-1.17) =

Percent Responding Not Applicable

Very Dissatisfied OR Generally Dissatisfied

Generally Satisfied OR Very Satisfied

Average Responses per Item: 235
**2012 Senior Survey: Student Satisfaction-Services and Facilities**

**Group: University of Pennsylvania**

**Comparison: Selected Private Institutions**

Figure 16: How satisfied are you with each of the following campus services and facilities?

<table>
<thead>
<tr>
<th>Item</th>
<th>Very Dissatisfied</th>
<th>Generally Dissatisfied</th>
<th>Generally Satisfied</th>
<th>Very Satisfied</th>
<th>Percent Responding</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>9) Campus police/campus security</td>
<td>1%</td>
<td>38%</td>
<td>58%</td>
<td>1%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>7) Library facilities and resources</td>
<td>1%</td>
<td>45%</td>
<td>52%</td>
<td>1%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>8) Athletic and recreational facilities</td>
<td>1%</td>
<td>45%</td>
<td>50%</td>
<td>7%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10) Classrooms</td>
<td>1%</td>
<td>0%</td>
<td>60%</td>
<td>35%</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td>13) Student employment programs</td>
<td>10%</td>
<td>47%</td>
<td>40%</td>
<td>34%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11) Laboratory facilities and equipment</td>
<td>9%</td>
<td>57%</td>
<td>33%</td>
<td>41%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12) Foreign language facilities</td>
<td>1%</td>
<td>58%</td>
<td>33%</td>
<td>25%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17) Registrar’s Office</td>
<td>2%</td>
<td>62%</td>
<td>29%</td>
<td>24%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15) Student Financial Services [SFS]</td>
<td>5%</td>
<td>48%</td>
<td>35%</td>
<td>29%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Group Mean=3.52, Std=0.62, Z=12.45) >

(Group Mean=3.49, Std=0.58, Z=0) =

(Group Mean=3.45, Std=0.61, Z=15.77) >

(Group Mean=3.35, Std=0.62, Z=2.36) =

(Group Mean=3.29, Std=0.58, Z=2.5) =

(Group Mean=3.29, Std=0.75, Z=2.55) =

(Group Mean=3.24, Std=0.61, Z=4.26) <

(Group Mean=3.24, Std=0.63, Z=2.12) =

(Group Mean=3.24, Std=0.61, Z=-2.12) =

(Group Mean=3.17, Std=0.64, Z=-5.38) <

(Group Mean=3.13, Std=0.8, Z=6.2) >

Average Responses per Item: 729
Figure 16 (Continued): How satisfied are you with each of the following campus services and facilities?

1) Food services
   
   (Group Mean=2.32, Std=0.84, Z=-18.22) <
   
   - Very Dissatisfied: 18%
   - Generally Dissatisfied: 38%
   - Generally Satisfied: 38%
   - Very Satisfied: 6%
   
   Average Responses per Item: 729

2) Career services
   
   (Group Mean=3.12, Std=0.8, Z=9.52) >
   
   - Very Dissatisfied: 4%
   - Generally Dissatisfied: 15%
   - Generally Satisfied: 46%
   - Very Satisfied: 35%
   
   Percent Responding
   Not Applicable: 7%

3) Administration’s responsiveness to student concerns
   
   (Group Mean=2.8, Std=0.76, Z=1.33) =
   
   - Very Dissatisfied: 6%
   - Generally Dissatisfied: 23%
   - Generally Satisfied: 57%
   - Very Satisfied: 14%
   
   Percent Responding
   Not Applicable: 17%

4) Psychological counseling services
   
   (Group Mean=3.03, Std=0.87, Z=1.17) =
   
   - Very Dissatisfied: 2%
   - Generally Dissatisfied: 13%
   - Generally Satisfied: 48%
   - Very Satisfied: 31%
   
   Percent Responding
   Not Applicable: 58%

5) Student health services (other than counseling)
   
   (Group Mean=2.99, Std=0.84, Z=3.34) >
   
   - Very Dissatisfied: 6%
   - Generally Dissatisfied: 17%
   - Generally Satisfied: 49%
   - Very Satisfied: 28%
   
   Percent Responding
   Not Applicable: 6%

6) Student housing
   
   (Group Mean=2.89, Std=0.82, Z=-4.34) ≤
   
   - Very Dissatisfied: 7%
   - Generally Dissatisfied: 18%
   - Generally Satisfied: 57%
   - Very Satisfied: 18%
   
   Percent Responding
   Not Applicable: 2%

16) Financial aid
    
    (Group Mean=3.09, Std=0.97, Z=-1.81) ≤
2012 Senior Survey: Student Satisfaction-Campus Life

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 17: How satisfied are you with each of the following aspects of campus life?

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Percent</th>
<th>Group Mean</th>
<th>Std</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>2) Guest speakers and campus-wide events</td>
<td>3%</td>
<td>3.52</td>
<td>0.56</td>
<td>7.38</td>
</tr>
<tr>
<td>6) Climate for LGBTQ students on campus</td>
<td>39%</td>
<td>3.49</td>
<td>0.63</td>
<td>8.74</td>
</tr>
<tr>
<td>12) Feeling of security on campus</td>
<td>0%</td>
<td>3.47</td>
<td>0.63</td>
<td>5.53</td>
</tr>
<tr>
<td>1) Student clubs and organizations</td>
<td>3%</td>
<td>3.44</td>
<td>0.63</td>
<td>-0.39</td>
</tr>
<tr>
<td>3) Social life on campus</td>
<td>8%</td>
<td>3.33</td>
<td>0.81</td>
<td>5.64</td>
</tr>
<tr>
<td>5) Degree of ethnic/racial diversity of the campus</td>
<td>1%</td>
<td>3.31</td>
<td>0.74</td>
<td>7.74</td>
</tr>
<tr>
<td>10) Opportunities to participate in club sports</td>
<td>1%</td>
<td>3.28</td>
<td>0.73</td>
<td>2.05</td>
</tr>
<tr>
<td>11) Opportunities to participate in intramural and other recreational athletics</td>
<td>5%</td>
<td>3.27</td>
<td>0.73</td>
<td>-3.43</td>
</tr>
<tr>
<td>13) Level of intellectual excitement on campus</td>
<td>1%</td>
<td>3.26</td>
<td>0.78</td>
<td>-3.94</td>
</tr>
<tr>
<td>4) Climate for ethnic/racial minority students on campus</td>
<td>21%</td>
<td>3.26</td>
<td>0.77</td>
<td>5.6</td>
</tr>
<tr>
<td>9) Opportunities to participate in intercollegiate (NCAA) athletics</td>
<td>60%</td>
<td>3.25</td>
<td>0.82</td>
<td>-2.25</td>
</tr>
<tr>
<td>8) Sense of community where you live</td>
<td>4%</td>
<td>3.12</td>
<td>0.84</td>
<td>-1.81</td>
</tr>
<tr>
<td>7) Sense of community on campus</td>
<td>1%</td>
<td>2.95</td>
<td>0.88</td>
<td>-1.44</td>
</tr>
<tr>
<td>14) Student government</td>
<td>19%</td>
<td>2.70</td>
<td>0.81</td>
<td>2.39</td>
</tr>
</tbody>
</table>

Average Responses per Item: 713
Figure 18: Would you encourage a high school senior who resembles you when you were a high school senior (same background, ability, interests, and temperament) to attend Penn?

Responses: 716

(Group Mean=4.29, Std=1.08, Z=-0.94) =
Perception of Skills, Competencies, and Abilities
2012 Senior Survey: Perception of Skills, Competencies, and Abilities

**Group: University of Pennsylvania**

Comparison: Selected Private Institutions

Figure 19: To what extent has your experience at Penn contributed to your knowledge, skills, and personal development in the following areas?

15) Ability to learn on your own
   (Group Mean=3.39, Std=0.75, Z=0.64) =
   [Bar chart showing distribution of responses]

21) Functioning independently, without supervision
   (Group Mean=3.33, Std=0.84, Z=-0.28) =
   [Bar chart showing distribution of responses]

16) Thinking analytically and logically
   (Group Mean=3.32, Std=0.77, Z=-0.6) =
   [Bar chart showing distribution of responses]

20) Understanding yourself: abilities, interests, limitations, personality
   (Group Mean=3.31, Std=0.81, Z=-2.41) =
   [Bar chart showing distribution of responses]

3) Thinking critically
   (Group Mean=3.29, Std=0.79, Z=-2.49) =
   [Bar chart showing distribution of responses]

22) Planning and executing complex projects
   (Group Mean=3.18, Std=0.87, Z=0.28) =
   [Bar chart showing distribution of responses]

13) In-depth knowledge of a field or discipline
   (Group Mean=3.17, Std=0.88, Z=-1.12) =
   [Bar chart showing distribution of responses]

12) Career- or work-related knowledge and skills
   (Group Mean=3.1, Std=0.99, Z=7.72) >
   [Bar chart showing distribution of responses]

25) Synthesizing and integrating ideas and information
   (Group Mean=3.08, Std=0.82, Z=-2.94) <
   [Bar chart showing distribution of responses]

5) Understanding and using quantitative reasoning and methods
   (Group Mean=3.07, Std=0.9, Z=0.54) =
   [Bar chart showing distribution of responses]

14) Functioning effectively as a member of a team
   (Group Mean=3.05, Std=0.92, Z=0.53) =
   [Bar chart showing distribution of responses]

Average Responses per Item: 673
2012 Senior Survey: Perception of Skills, Competencies, and Abilities

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

**Figure 19 (Continued):** To what extent has your experience at Penn contributed to your knowledge, skills, and personal development in the following areas?

<table>
<thead>
<tr>
<th>Item</th>
<th>Very Little or None</th>
<th>Some</th>
<th>Quite a Bit</th>
<th>Very Much</th>
</tr>
</thead>
<tbody>
<tr>
<td>14) Judging the merits of arguments based on their sources, methods and reasoning</td>
<td>4%</td>
<td>24%</td>
<td>36%</td>
<td>36%</td>
</tr>
<tr>
<td>(Group Mean=3.03, Std=0.88, Z=-1.95) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>23) Understanding the complexity of social problems</td>
<td>4%</td>
<td>23%</td>
<td>33%</td>
<td>38%</td>
</tr>
<tr>
<td>(Group Mean=3.03, Std=0.93, Z=3.21) &gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17) Evaluating and choosing between alternative courses of action</td>
<td>4%</td>
<td>22%</td>
<td>38%</td>
<td>35%</td>
</tr>
<tr>
<td>(Group Mean=3.03, Std=0.87, Z=-0.26) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4) Leadership skills</td>
<td>4%</td>
<td>24%</td>
<td>28%</td>
<td>40%</td>
</tr>
<tr>
<td>(Group Mean=3.01, Std=0.97, Z=-0.25) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18) Relating well to people of different races, nations, and religions</td>
<td>4%</td>
<td>25%</td>
<td>30%</td>
<td>38%</td>
</tr>
<tr>
<td>(Group Mean=2.99, Std=0.95, Z=1.78) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>31) An ability to use the techniques, skills, and modern tools necessary for my profession</td>
<td>4%</td>
<td>23%</td>
<td>32%</td>
<td>37%</td>
</tr>
<tr>
<td>(Group Mean=2.98, Std=0.96, Z=0.46) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2) Communicating well orally</td>
<td>4%</td>
<td>25%</td>
<td>34%</td>
<td>33%</td>
</tr>
<tr>
<td>(Group Mean=2.91, Std=0.96, Z=0.51) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9) Creating original ideas and solutions</td>
<td>4%</td>
<td>27%</td>
<td>38%</td>
<td>29%</td>
</tr>
<tr>
<td>(Group Mean=2.89, Std=0.9, Z=-3.55) &lt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29) Acquiring broad knowledge across a number of fields</td>
<td>4%</td>
<td>31%</td>
<td>34%</td>
<td>29%</td>
</tr>
<tr>
<td>(Group Mean=2.86, Std=0.9, Z=-4.01) &lt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27) Developing global awareness</td>
<td>4%</td>
<td>25%</td>
<td>33%</td>
<td>32%</td>
</tr>
<tr>
<td>(Group Mean=2.85, Std=0.99, Z=2.66) &gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24) Developing self-esteem/self-confidence</td>
<td>4%</td>
<td>24%</td>
<td>32%</td>
<td>31%</td>
</tr>
<tr>
<td>(Group Mean=2.83, Std=1.01, Z=1.29) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Average Responses per Item:** 673
2012 Senior Survey: Perception of Skills, Competencies, and Abilities

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 19 (Continued): To what extent has your experience at Penn contributed to your knowledge, skills, and personal development in the following areas?

19) Identifying moral and ethical issues
   (Group Mean=2.83, Std=0.96, Z=-0.5) =

28) Conducting scholarly research
   (Group Mean=2.81, Std=1.07, Z=-2.99) <

11) Placing current problems in historical/cultural/philosophical perspective
   (Group Mean=2.72, Std=1.02, Z=-0.72) =

26) Evaluating the role of science and technology in society
   (Group Mean=2.68, Std=1, Z=-1.64) =

30) Developing or clarifying a personal code of values or ethics
   (Group Mean=2.67, Std=0.98, Z=-4.39) <

1) Writing clearly and effectively
   (Group Mean=2.66, Std=0.98, Z=-5.05) <

10) Constructively resolving interpersonal conflicts
   (Group Mean=2.63, Std=1, Z=-3.92) <

8) Understanding the process of science and experimentation
   (Group Mean=2.58, Std=1.07, Z=-4.34) <

7) Critical appreciation of art, music, literature, and drama
   (Group Mean=2.4, Std=1.07, Z=-1.83) =

6) Reading or speaking a foreign language
   (Group Mean=2.39, Std=1.08, Z=4.29) >

Average Responses per Item: 673
Academic Experiences
Figure 20: While an undergraduate, did you participate in any of the following?

9) Internship in the U.S.  
(Comparison: No=37%, Yes=63%)  
- No: 32%  
- Yes: 68%

1) Research with a faculty member  
(Comparison: No=47%, Yes=53%)  
- No: 54%  
- Yes: 46%

2) Other research experiences  
(Comparison: No=59%, Yes=41%)  
- No: 59%  
- Yes: 41%

3) Independent study  
(Comparison: No=64%, Yes=36%)  
- No: 66%  
- Yes: 34%

6) Study-abroad program  
(Comparison: No=70%, Yes=30%)  
- No: 67%  
- Yes: 33%

5) Tutorial help provided by the school or department  
(Comparison: No=69%, Yes=31%)  
- No: 71%  
- Yes: 29%

7) Internship abroad  
(Comparison: No=83%, Yes=17%)  
- No: 85%  
- Yes: 15%

4) Publishing or presenting a paper off-campus  
(Comparison: No=85%, Yes=15%)  
- No: 86%  
- Yes: 14%

8) Off-campus study in the U.S.  
(Comparison: No=91%, Yes=9%)  
- No: 98%  
- Yes: 2%

Average Responses per Item: 582
2012 Senior Survey: Academic Experiences

Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 20a: If you have participated, how satisfied were you with the following experience?

4) Publishing or presenting a paper off-campus
   (Group Mean=3.62, Std=0.61, Z=2.73) >

6) Study-abroad program
   (Group Mean=3.55, Std=0.78, Z=0.8) =

7) Internship abroad
   (Group Mean=3.52, Std=0.65, Z=0.8) =

9) Internship in the U.S.
   (Group Mean=3.39, Std=0.77, Z=0.45) =

3) Independent study
   (Group Mean=3.35, Std=0.81, Z=-0.31) =

1) Research with a faculty member
   (Group Mean=3.33, Std=0.82, Z=0.55) =

2) Other research experiences
   (Group Mean=3.31, Std=0.74, Z=0.93) =

8) Off-campus study in the U.S.
   (Group Mean=3.08, Std=0.79, Z=-1.32) =

5) Tutorial help provided by the school or department
   (Group Mean=3.06, Std=0.71, Z=0.78) =

Average Responses per Item: 191
Figure 21: As an undergraduate, did you participate in any of the following?

3) Alcohol awareness session
   (Comparison: No=58%, Yes=42%)
   - Yes: 61%
   - No: 39%

1) Racial/cultural awareness program or workshop
   (Comparison: No=68%, Yes=32%)
   - Yes: 77%
   - No: 23%

2) Sexual harassment seminar or workshop
   (Comparison: No=71%, Yes=29%)
   - Yes: 82%
   - No: 18%

Average Responses per Item: 659
Undergraduate Experience
Extracurricular Activities and Working for Pay
Table 2: During how many years - if any - did you actively participate in any of the following activities?*

<table>
<thead>
<tr>
<th>Group</th>
<th>One or More Years</th>
<th>One Year Only</th>
<th>Two Years Only</th>
<th>Three Years Only</th>
<th>Four Plus Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic clubs, honor societies, or professional associations</td>
<td>50%</td>
<td>12%</td>
<td>14%</td>
<td>10%</td>
<td>15%</td>
</tr>
<tr>
<td>Club sports</td>
<td>19%</td>
<td>6%</td>
<td>3%</td>
<td>2%</td>
<td>8%</td>
</tr>
<tr>
<td>Cultural/ethnic organization</td>
<td>31%</td>
<td>5%</td>
<td>6%</td>
<td>6%</td>
<td>14%</td>
</tr>
<tr>
<td>Fraternity or sorority</td>
<td>35%</td>
<td>3%</td>
<td>4%</td>
<td>7%</td>
<td>21%</td>
</tr>
<tr>
<td>Intercollegiate athletics (NCAA)</td>
<td>14%</td>
<td>3%</td>
<td>2%</td>
<td>2%</td>
<td>7%</td>
</tr>
<tr>
<td>Music/theater group</td>
<td>19%</td>
<td>5%</td>
<td>2%</td>
<td>4%</td>
<td>8%</td>
</tr>
<tr>
<td>Other student organizations or clubs</td>
<td>56%</td>
<td>6%</td>
<td>9%</td>
<td>12%</td>
<td>30%</td>
</tr>
<tr>
<td>Political group</td>
<td>11%</td>
<td>5%</td>
<td>2%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Religious or spiritual group</td>
<td>22%</td>
<td>5%</td>
<td>4%</td>
<td>4%</td>
<td>10%</td>
</tr>
<tr>
<td>Student government</td>
<td>7%</td>
<td>2%</td>
<td>2%</td>
<td>1%</td>
<td>2%</td>
</tr>
<tr>
<td>Student publications</td>
<td>20%</td>
<td>8%</td>
<td>6%</td>
<td>3%</td>
<td>2%</td>
</tr>
<tr>
<td>Volunteer service</td>
<td>57%</td>
<td>14%</td>
<td>14%</td>
<td>11%</td>
<td>18%</td>
</tr>
</tbody>
</table>

Percentage Difference (Group MINUS Comparison)

<table>
<thead>
<tr>
<th>Comparison</th>
<th>One or More Years</th>
<th>One Year Only</th>
<th>Two Years Only</th>
<th>Three Years Only</th>
<th>Four Plus Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic clubs, honor societies, or professional associations</td>
<td>9%</td>
<td>2%</td>
<td>4%</td>
<td>2%</td>
<td>4%</td>
</tr>
<tr>
<td>Club sports</td>
<td>0%</td>
<td>1%</td>
<td>-2%</td>
<td>-1%</td>
<td>2%</td>
</tr>
<tr>
<td>Cultural/ethnic organization</td>
<td>5%</td>
<td>-2%</td>
<td>0%</td>
<td>1%</td>
<td>3%</td>
</tr>
<tr>
<td>Fraternity or sorority</td>
<td>9%</td>
<td>1%</td>
<td>2%</td>
<td>3%</td>
<td>15%</td>
</tr>
<tr>
<td>Intercollegiate athletics (NCAA)</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
<td>0%</td>
</tr>
<tr>
<td>Music/theater group</td>
<td>-5%</td>
<td>-1%</td>
<td>-1%</td>
<td>1%</td>
<td>-2%</td>
</tr>
<tr>
<td>Other student organizations or clubs</td>
<td>-5%</td>
<td>-4%</td>
<td>-3%</td>
<td>0%</td>
<td>-1%</td>
</tr>
<tr>
<td>Political group</td>
<td>2%</td>
<td>0%</td>
<td>-1%</td>
<td>-1%</td>
<td>-1%</td>
</tr>
<tr>
<td>Religious or spiritual group</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Student government</td>
<td>-3%</td>
<td>-1%</td>
<td>0%</td>
<td>0%</td>
<td>1%</td>
</tr>
<tr>
<td>Student publications</td>
<td>0%</td>
<td>-2%</td>
<td>1%</td>
<td>-1%</td>
<td>-1%</td>
</tr>
<tr>
<td>Volunteer service</td>
<td>4%</td>
<td>0%</td>
<td>2%</td>
<td>1%</td>
<td>0%</td>
</tr>
</tbody>
</table>

*Results may vary while comparing with 2010 Senior Survey Report due to the change in this question in 2012.
Figure 22: How much do you agree or disagree with this statement? I have been able to find a balance between my academic work and extracurricular activities.

Table 3: In which of your college years did you work for pay during 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>
<th>Didn't work for pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group</td>
<td>37%</td>
<td>57%</td>
<td>59%</td>
<td>60%</td>
<td>28%</td>
</tr>
</tbody>
</table>

Percentage Differences (Group MINUS Comparison)

<table>
<thead>
<tr>
<th></th>
<th>First Year</th>
<th>Second Year</th>
<th>Third Year</th>
<th>Fourth Year</th>
<th>Didn't work for pay</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comparison</td>
<td>1%</td>
<td>4%</td>
<td>1%</td>
<td>0%</td>
<td>1%</td>
</tr>
</tbody>
</table>
## 2012 Senior Survey: Undergraduate Experience-Extracurricular Activities and Working for Pay

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

### Figure 23: During the fall term of your senior year, about how many hours did you spend during a typical week doing the following?

<table>
<thead>
<tr>
<th>Activity</th>
<th>None</th>
<th>1-5</th>
<th>6-10</th>
<th>11-15</th>
<th>16-20</th>
<th>21-25</th>
<th>26+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Studying or doing research outside of class</td>
<td>4%</td>
<td>9%</td>
<td>19%</td>
<td>24%</td>
<td>21%</td>
<td>15%</td>
<td>8%</td>
</tr>
<tr>
<td>(Group Mean=16.01, Std=8.64, Z=3.76) &gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>In scheduled classes or labs</td>
<td>1%</td>
<td>14%</td>
<td>42%</td>
<td>28%</td>
<td>10%</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td>(Group Mean=15.38, Std=5.83, Z=6.67) &gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Socializing or partying with friends</td>
<td>2%</td>
<td>31%</td>
<td>32%</td>
<td>20%</td>
<td>9%</td>
<td>4%</td>
<td>1%</td>
</tr>
<tr>
<td>(Group Mean=9.48, Std=6.77, Z=3.23) &gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Participating in other extracurricular activities</td>
<td>12%</td>
<td>44%</td>
<td>25%</td>
<td>12%</td>
<td>5%</td>
<td>8%</td>
<td>1%</td>
</tr>
<tr>
<td>(Group Mean=7.09, Std=6.81, Z=-0.18) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working for pay</td>
<td>42%</td>
<td>11%</td>
<td>24%</td>
<td>12%</td>
<td>9%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>(Group Mean=6.01, Std=6.81, Z=0.75) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical fitness (sports, exercise, etc.)</td>
<td>19%</td>
<td>44%</td>
<td>25%</td>
<td>6%</td>
<td>9%</td>
<td>1%</td>
<td></td>
</tr>
<tr>
<td>(Group Mean=5.71, Std=6.06, Z=0.07) =</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Average Responses per Item: 630
Financing College
Figure 24: Have you received any financial aid from Penn (e.g., grant, student loan, or work-study job) while you have been an undergraduate here?
**Figure 25:** What is the total amount YOU borrowed personally for your undergraduate education (tuition, fees, room and board)?

- Group Responses: 655

**Figure 26:** Will your parents or family help you pay off the loans you indicated above?

- Group Responses: 652
Figure 27: What has been the impact on your family of paying for your education (tuition, fees, room and board) at Penn?

Group Responses: 653
Figure 28: Do you agree or disagree with the following statement? I will be seriously burdened by loan payments when I graduate.

Responses: 653

(Group Mean=3.23, Std=0.96, Z=-0.5)
Figure 29: Do you agree or disagree with the following statements?
Due to a lack of money, I have had to forego:

3) Community service
(Group Mean=3.56, Std=0.66, Z=2.83) >

2) Extracurricular activities
(Group Mean=3.43, Std=0.81, Z=2.25) =

1) Study abroad
(Group Mean=3.29, Std=0.95, Z=2.4) =

4) Non-paying research/internships
(Group Mean=2.87, Std=1.16, Z=0) =

Average Responses per Item: 645
Plans

Immediate Plans
Future Plans
Obtaining Information and Advice
Figure 30: Please tell us what you expect to be doing THIS FALL (mark all that apply).

- Working for pay full-time
- Attending graduate or professional school full-time
- Undecided
- Traveling
- Volunteer activity (e.g., Peace Corps, AmeriCorps)
- Working for pay part-time
- Internship
- Enrolled in another educational program, full- or part-time
- Other activity
- Starting or raising a family
- Military service

Group Responses: 659
Group: University of Pennsylvania
Comparison: Selected Private Institutions

Figure 31: Which of the following best describes the current state of your employment plans? Exclude search for summer-only employment. Mark the one best answer.

- **Have accepted a position**: 56%
- **Currently searching for a position**: 35%
- **Considering one or more specific offers**: 5%
- **Have not yet begun my job search**: 3%
- **Not planning on employment this fall**: 0%

Group Responses: 477
Figure 32: If you are working for full-time or serving in the military, in what sector do you expect to be employed? Mark the best answer.

<table>
<thead>
<tr>
<th>Sector Type</th>
<th>Group</th>
<th>Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>For-profit corporation/company/group-practice</td>
<td>78%</td>
<td>70%</td>
</tr>
<tr>
<td>Non-profit organization/NGO (e.g., arts/human services/international organizations)</td>
<td>14%</td>
<td>15%</td>
</tr>
<tr>
<td>Government or other public institution or agency, including military</td>
<td>7%</td>
<td>13%</td>
</tr>
<tr>
<td>Self-employed in own business or professional non-group practice</td>
<td>1%</td>
<td>2%</td>
</tr>
</tbody>
</table>

Group Responses: 474
## Table 4a: If you have accepted a position, please provide the name of the firm or organization, and your job title, if you know it. (Top Ten Employer Name)

<table>
<thead>
<tr>
<th>Employer Name</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Goldman Sachs</td>
<td>14</td>
</tr>
<tr>
<td>BlackRock</td>
<td>9</td>
</tr>
<tr>
<td>Teach For America</td>
<td>8</td>
</tr>
<tr>
<td>American Express</td>
<td>7</td>
</tr>
<tr>
<td>Microsoft Corporation</td>
<td>6</td>
</tr>
<tr>
<td>Amazon.com</td>
<td>5</td>
</tr>
<tr>
<td>Bain &amp; Company</td>
<td>5</td>
</tr>
<tr>
<td>Credit Suisse Group</td>
<td>5</td>
</tr>
<tr>
<td>Google Incorporated</td>
<td>5</td>
</tr>
<tr>
<td>McKinsey &amp; Company</td>
<td>5</td>
</tr>
</tbody>
</table>

Responses: 478

## Table 4b: If you HAVE accepted a position, please provide the name of the firm or organization, and your job title, if you know it. (Top Ten Job Title)

<table>
<thead>
<tr>
<th>Job Title</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial/Business Analyst</td>
<td>77</td>
</tr>
<tr>
<td>Analyst</td>
<td>33</td>
</tr>
<tr>
<td>Consultant</td>
<td>26</td>
</tr>
<tr>
<td>Associate</td>
<td>15</td>
</tr>
<tr>
<td>Educator</td>
<td>10</td>
</tr>
<tr>
<td>Research Specialist/Technician/Coordinator</td>
<td>10</td>
</tr>
<tr>
<td>Financial/Business Associate</td>
<td>8</td>
</tr>
<tr>
<td>Executive Trainee</td>
<td>7</td>
</tr>
<tr>
<td>Software Engineer</td>
<td>7</td>
</tr>
<tr>
<td>Technology Analyst</td>
<td>6</td>
</tr>
</tbody>
</table>

Responses: 478

*Results shown only when N is greater than 3.*
Figure 33: If you HAVE NOT accepted a position, which of the following best describes where you expect to be employed? Mark the one best answer.
Figure 34: If employment will be your primary activity this fall, do you expect to be living inside or outside the U.S. next fall?
### Table 5a: If you expect to live INSIDE the U.S. next fall, in which state will you reside? (Top Ten Preferred State to reside during NEXT FALL)

<table>
<thead>
<tr>
<th>State</th>
<th>N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>New York</td>
<td>176</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>120</td>
</tr>
<tr>
<td>California</td>
<td>40</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>25</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>23</td>
</tr>
<tr>
<td>New Jersey</td>
<td>17</td>
</tr>
<tr>
<td>Illinois</td>
<td>11</td>
</tr>
<tr>
<td>Washington</td>
<td>10</td>
</tr>
<tr>
<td>Connecticut</td>
<td>9</td>
</tr>
<tr>
<td>Virginia</td>
<td>9</td>
</tr>
</tbody>
</table>

**Responses:** 508

### Table 5b: If you expect to live OUTSIDE the U.S. next fall, in which country or region will you reside? (Top Ten Preferred Country or Region to reside during NEXT FALL)

<table>
<thead>
<tr>
<th>Country/Region</th>
<th>N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United Kingdom</td>
<td>16</td>
</tr>
<tr>
<td>Asia</td>
<td>4</td>
</tr>
<tr>
<td>Canada</td>
<td>4</td>
</tr>
<tr>
<td>China</td>
<td>4</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>4</td>
</tr>
<tr>
<td>India</td>
<td></td>
</tr>
<tr>
<td>South Korea</td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td></td>
</tr>
<tr>
<td>Spain</td>
<td></td>
</tr>
</tbody>
</table>

**Responses:** 55

*Results shown only when N is greater than 3.*
Figure 35: Did you apply to graduate or professional school program(s) for this fall?

- **I did not apply to school for this fall**: 83% (Group) / 86% (Comparison)
- **I applied and was accepted but I didn't enroll for other reason(s)**: 8% (Group) / 6% (Comparison)
- **I applied to school, but did not get into a program**: 4% (Group) / 2% (Comparison)
- **I applied and was accepted, but I wasn't admitted into my preferred program**: 4% (Group) / 3% (Comparison)
- **I applied and was accepted, but I had inadequate financing/funding to enroll**: 0% (Group) / 3% (Comparison)

Group Responses: 24
**Figure 36**: If you plan to attend grad/professional school this fall, which of the following best describes the current state of your educational plans for the fall? Mark the one best answer.

- **Group Responses**: 139

![Bar Chart](chart1)

**Figure 37**: Will you be attending your first choice institution?

- **Group Responses**: 103

![Bar Chart](chart2)
Figure 38: If you are NOT attending your first choice institution, why not? Mark all that apply.

- Not admitted to first choice institution: 95% (Group), 97% (Comparison)
- School I will be attending costs less: 5% (Group), 3% (Comparison)

Group Responses: 19
Table 6: If education (graduate or professional school) will be your primary activity this fall, which school will you be attending THIS FALL? (List of top ten Institutions)

<table>
<thead>
<tr>
<th>School attending</th>
<th>N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Pennsylvania</td>
<td>13</td>
</tr>
<tr>
<td>Undecided</td>
<td>8</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>4</td>
</tr>
<tr>
<td>New York University</td>
<td>4</td>
</tr>
<tr>
<td>Cambridge University</td>
<td></td>
</tr>
<tr>
<td>Standford University</td>
<td></td>
</tr>
<tr>
<td>Yale University</td>
<td></td>
</tr>
<tr>
<td>Brown University</td>
<td></td>
</tr>
<tr>
<td>California Institute of Technology</td>
<td></td>
</tr>
<tr>
<td>University of Chicago</td>
<td></td>
</tr>
<tr>
<td>Columbia University</td>
<td></td>
</tr>
<tr>
<td>University of Delaware</td>
<td></td>
</tr>
<tr>
<td>Georgetown University</td>
<td></td>
</tr>
<tr>
<td>Harvard University</td>
<td></td>
</tr>
<tr>
<td>Washington University in St. Louis</td>
<td></td>
</tr>
</tbody>
</table>

Responses: 76

* Results shown only when N is greater than 3.
Figure 39: Which, if any, degrees do you plan to pursue THIS FALL? (mark all that that apply)*

- Masters: 33% Group, 27% Comparison
- PhD: 17% Group, 15% Comparison
- Professional EdD/Law/Med: 32% Group, 16% Comparison
- Other Degree: 5% Group, 3% Comparison
- Undecided: 4% Group, 4% Comparison
- No Advance Degree: 40% Group, 48% Comparison

Group Responses: 205

Figure 40: Which, if any, degrees do you plan to pursue any time in the FUTURE? (mark all that that apply)*

- Masters: 80% Group, 70% Comparison
- PhD: 21% Group, 24% Comparison
- Professional EdD/Law/Med: 29% Group, 29% Comparison
- Other Degree: 3% Group, 5% Comparison
- Undecided: 17% Group, 19% Comparison
- No Advance Degree: 9% Group, 8% Comparison

Group Responses: 478

*Results may vary while comparing with 2010 Senior Survey Report due to the change in methodology used to calculate the above percentages in 2012.
Table 7: Average Graduate or Professional Exam (GRE, GMAT, LSAT, and MCAT) Score
(Score base on new scoring system)

<table>
<thead>
<tr>
<th>Group</th>
<th>N</th>
<th>Min</th>
<th>Mean</th>
<th>Median</th>
<th>Max</th>
<th>Std</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRE Verbal</td>
<td>74</td>
<td>149</td>
<td>162</td>
<td>162</td>
<td>170</td>
<td>5.2</td>
</tr>
<tr>
<td>GRE Quantitative</td>
<td>74</td>
<td>146</td>
<td>162</td>
<td>163</td>
<td>170</td>
<td>5.5</td>
</tr>
<tr>
<td>GRE Writing</td>
<td>66</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>0.7</td>
</tr>
<tr>
<td>LSAT</td>
<td>35</td>
<td>151</td>
<td>167</td>
<td>168</td>
<td>177</td>
<td>6.0</td>
</tr>
<tr>
<td>MCAT Total</td>
<td>47</td>
<td>25</td>
<td>34</td>
<td>35</td>
<td>41</td>
<td>4.0</td>
</tr>
</tbody>
</table>

Comparison

<table>
<thead>
<tr>
<th>Group</th>
<th>N</th>
<th>Min</th>
<th>Mean</th>
<th>Median</th>
<th>Max</th>
<th>Std</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRE Verbal</td>
<td>884</td>
<td>120</td>
<td>163</td>
<td>164</td>
<td>170</td>
<td>5.5</td>
</tr>
<tr>
<td>GRE Quantitative</td>
<td>885</td>
<td>131</td>
<td>162</td>
<td>164</td>
<td>170</td>
<td>6.0</td>
</tr>
<tr>
<td>GRE Writing</td>
<td>844</td>
<td>2</td>
<td>5</td>
<td>5</td>
<td>6</td>
<td>0.7</td>
</tr>
<tr>
<td>LSAT</td>
<td>250</td>
<td>4</td>
<td>169</td>
<td>166</td>
<td>690</td>
<td>48.7</td>
</tr>
<tr>
<td>MCAT Total</td>
<td>405</td>
<td>2</td>
<td>34</td>
<td>34</td>
<td>44</td>
<td>4.0</td>
</tr>
</tbody>
</table>
Figure 41: As you think about your future, how important is each of the following to you?

1) Raising a family
(Group Mean=3.28, Std=0.92, Z=5.47) >
6% 14% 27% 53%

5) Being well off financially
(Group Mean=3.02, Std=0.81, Z=5.02) >
2% 24% 43% 31%

10) Being a leader in my field
(Group Mean=2.94, Std=0.9, Z=2.14) =
7% 23% 40% 30%

8) Travelling abroad
(Group Mean=2.85, Std=0.96, Z=2.5) =
9% 26% 34% 30%

9) Getting to know people from diverse backgrounds
(Group Mean=2.68, Std=0.92, Z=-0.52) =
10% 34% 35% 21%

18) Learning about other cultures and nations
(Group Mean=2.66, Std=0.93, Z=0.77) =
11% 34% 34% 21%

13) Having managerial responsibility
(Group Mean=2.57, Std=0.99, Z=5.3) >
17% 29% 34% 20%

17) Being a leader in my community
(Group Mean=2.44, Std=0.93, Z=0.52) =
16% 39% 30% 15%

14) Doing creative and expressive work
(Group Mean=2.36, Std=1, Z=-4.06) <
22% 36% 25% 16%

Average Responses per Item: 643
Figure 41 (Continued): As you think about your future, how important is each of the following to you?

<table>
<thead>
<tr>
<th>Item</th>
<th>Somewhat Important</th>
<th>Very Important</th>
<th>Essential</th>
</tr>
</thead>
<tbody>
<tr>
<td>16) Volunteering</td>
<td>43%</td>
<td>31%</td>
<td>9%</td>
</tr>
<tr>
<td>2) Working for social and political change</td>
<td>38%</td>
<td>23%</td>
<td>14%</td>
</tr>
<tr>
<td>15) Doing work that is in accordance with my philosophy or religion</td>
<td>29%</td>
<td>25%</td>
<td>15%</td>
</tr>
<tr>
<td>11) Contributing to science and innovation</td>
<td>31%</td>
<td>25%</td>
<td>14%</td>
</tr>
<tr>
<td>7) Living or working abroad</td>
<td>30%</td>
<td>22%</td>
<td>12%</td>
</tr>
<tr>
<td>12) Being successful in a business of my own</td>
<td>31%</td>
<td>17%</td>
<td>11%</td>
</tr>
<tr>
<td>4) Participating in politics or community affairs</td>
<td>41%</td>
<td>17%</td>
<td>8%</td>
</tr>
<tr>
<td>6) Expressing myself artistically</td>
<td>34%</td>
<td>14%</td>
<td>7%</td>
</tr>
<tr>
<td>3) Participating in religious activities</td>
<td>52%</td>
<td>25%</td>
<td>12%</td>
</tr>
</tbody>
</table>

Average Responses per Item:  643
Figure 42: How helpful has advice and assistance from your parents or guardians been as you make plans for next year?

Responses: 652

(Group Mean=1.6, Std=0.66, Z=-4.73)
Figure 43: How many faculty members know you well enough to provide a professional recommendation concerning your qualifications for a job or for advanced degree work?

<table>
<thead>
<tr>
<th>None</th>
<th>One</th>
<th>Two</th>
<th>Three</th>
<th>Four</th>
<th>Five or more</th>
</tr>
</thead>
<tbody>
<tr>
<td>11%</td>
<td>15%</td>
<td>25%</td>
<td>22%</td>
<td>17%</td>
<td>9%</td>
</tr>
<tr>
<td>7%</td>
<td>15%</td>
<td>29%</td>
<td>26%</td>
<td>12%</td>
<td>10%</td>
</tr>
</tbody>
</table>

Group Responses: 654

(Group Mean=3.45, Std=1.46, Z=-0.05)
Figure 44: During the current academic year, how many times have you had one-on-one counseling sessions with a staff member in Career Services?

- None: 47% Group, 51% Comparison
- Once: 25% Group, 23% Comparison
- Twice: 17% Group, 14% Comparison
- Three or more times: 12% Group, 12% Comparison

Group Responses: 654

Figure 45: Prior to your senior year, did you have any one-on-one counseling sessions with a staff member in Career Services?

- Yes: 53% Group, 46% Comparison
- No: 47% Group, 54% Comparison

Group Responses: 653
Figure 46: Please tell us which services from the Career Services office at Penn you used and how valuable each was to you.

- **8) Website resources**
  - (Group Mean = 2.39, Std = 0.62, Z = 9.78) >
  - 7% Not Very Valuable
  - 47% Moderately Valuable
  - 46% Very Valuable
  - Percent Responding Did Not Use: 26%

- **1) Resume and/or cover letter critique**
  - (Group Mean = 2.3, Std = 0.68, Z = 5.27) >
  - 12% Not Very Valuable
  - 45% Moderately Valuable
  - 43% Very Valuable
  - Percent Responding Did Not Use: 35%

- **6) Recruiting services/events**
  - (Group Mean = 2.3, Std = 0.71, Z = 8.89) >
  - 15% Not Very Valuable
  - 41% Moderately Valuable
  - 44% Very Valuable
  - Percent Responding Did Not Use: 44%

- **2) Interview preparation**
  - (Group Mean = 2.24, Std = 0.68, Z = 3.85) >
  - 14% Not Very Valuable
  - 49% Moderately Valuable
  - 37% Very Valuable
  - Percent Responding Did Not Use: 65%

- **3) Pre-professional advising (e.g., pre-med, pre-law)**
  - (Group Mean = 2.1, Std = 0.7, Z = 5.79) >
  - 19% Not Very Valuable
  - 51% Moderately Valuable
  - 30% Very Valuable
  - Percent Responding Did Not Use: 70%

- **9) Workshops, panels, and programs**
  - (Group Mean = 2.1, Std = 0.63, Z = 7.52) >
  - 16% Not Very Valuable
  - 59% Moderately Valuable
  - 25% Very Valuable
  - Percent Responding Did Not Use: 53%

- **7) Networking opportunities/Access to alumni**
  - (Group Mean = 2.09, Std = 0.74, Z = 1.91) =
  - 23% Not Very Valuable
  - 44% Moderately Valuable
  - 33% Very Valuable
  - Percent Responding Did Not Use: 61%

- **4) Assistance with graduate school applications**
  - (Group Mean = 2.03, Std = 0.75, Z = 4.66) >
  - 26% Not Very Valuable
  - 45% Moderately Valuable
  - 29% Very Valuable
  - Percent Responding Did Not Use: 86%

- **10) Penn Alumni Career Network (PACNet)**
  - (Group Mean = 1.99, Std = 0.75, Z = 0.85) =
  - 28% Not Very Valuable
  - 45% Moderately Valuable
  - 27% Very Valuable
  - Percent Responding Did Not Use: 73%

- **5) Career counseling and exploration**
  - (Group Mean = 1.84, Std = 0.7, Z = 4.01) >
  - 34% Not Very Valuable
  - 49% Moderately Valuable
  - 18% Very Valuable
  - Percent Responding Did Not Use: 62%

Average Responses per Item: 647
Penn Community
Institution Specific Questions
Figure 47: How often do you have conversations with students who differ from you...

1) in race or ethnicity
   (Group Mean=3.44, Std=0.81, Z=1.14) =

2) in nationality
   (Group Mean=3.35, Std=0.86, Z=6.8) >

3) in sexual orientation
   (Group Mean=2.94, Std=1.03, Z=1.56) =

4) in religious beliefs
   (Group Mean=3.5, Std=0.74, Z=2.45) =

5) in political beliefs
   (Group Mean=3.19, Std=0.92, Z=4.63) >

6) in socio-economic background
   (Group Mean=3.26, Std=0.9, Z=3.54) >

7) in belonging to other Penn schools
   (Group Mean=3.56, Std=0.73, Z=N/A)

Average Responses per Item: 662
Figure 48: Indicate how strongly you agree or disagree with each of the following statements:

1) I feel free to express my political beliefs on campus
   (Group Mean=3.39, Std=0.71, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 3%

2) I feel free to express my religious beliefs on campus
   (Group Mean=3.46, Std=0.64, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 6%

3) Students are respected here regardless of their economic or social class
   (Group Mean=2.95, Std=0.81, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 1%

4) Students are respected here regardless of their race or ethnicity
   (Group Mean=3.17, Std=0.76, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 1%

5) Students are respected here regardless of their sexual orientation
   (Group Mean=3.35, Std=0.66, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 5%

6) Students are respected here regardless of their gender
   (Group Mean=3.36, Std=0.68, Z=N/A)
   - Strongly Disagree (1)
   - Disagree (2)
   - Agree (3)
   - Strongly Agree (4)
   - Percent Responding: 1%
**Figure 49: What is your impression of Penn's community?**

- **3) Competitive**
  - Group Mean=3.74, Std=0.5, Z=N/A
  - Not at all: 1%
  - A little: 21%
  - Moderately: 77%

- **1) Safe**
  - Group Mean=3.42, Std=0.68, Z=N/A
  - Not at all: 1%
  - A little: 7%
  - Moderately: 40%
  - Very: 52%

- **4) Diverse**
  - Group Mean=3.39, Std=0.71, Z=N/A
  - Not at all: 1%
  - A little: 10%
  - Moderately: 38%
  - Very: 51%

- **2) Welcoming**
  - Group Mean=3.16, Std=0.8, Z=N/A
  - Not at all: 15%
  - A little: 43%
  - Moderately: 38%

Average Responses per Item: 642

**Figure 50: Which of the following best describes your social class when you were growing up?**

- **Upper-middle or Professional-middle**: 49%
- **Middle class**: 29%
- **Wealthy**: 10%
- **Working class**: 9%
- **Low Income or Poor**: 3%

Group Responses: 632
Appendix: General Report Overview and Instructions for Reading the Output
2012 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 *2012 Senior Survey Results: Penn Community*. There are eleven broad areas of inquiry, or dimensions:
  - List of Selected Private Institutions
  - 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 3.78 for the survey item “Competitive” implies that respondents judge the Penn community to be between moderately (3) and very (4) competitive.
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• **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:
  o Not at all (1)–0.0%
  o A little (2)–2%
  o Moderately (3)–19%
  o Very (4)–80%

• **The Average Responses per item** is the average number of student responses for all items in the question. In this case, an average of 388 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 1% 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.
Figure 49: What is your impression of Penn’s community?

3) Competitive
(Group Mean=3.78, Std=0.45, Z=2.36) = 

1) Safe
(Group Mean=3.4, Std=0.67, Z=-5.7) < 

4) Diverse
(Group Mean=3.39, Std=0.68, Z=-5.85) < 

2) Welcoming
(Group Mean=3.16, Std=0.79, Z=-9.66) <

Average Responses per Item: 388