Physical Sciences majors include the following major codes (majrcod in your NSSE09 Codebook): 42 = Astronomy, 43 = Atmospheric science (including meteorology), 44 = Chemistry, 45 = Earth science (including geology), 46 = Mathematics, 47 = Physics, 48 = Statistics, and 49 = Other physical science.
Interpreting the Frequency Distributions for PHYSICAL SCIENCES Majors Report

**Sample**
This Frequency Distributions report is based on information from all randomly selected PHYSICAL SCIENCES students for both your institution and your comparison institutions. Targeted oversamples and other non-randomly selected students are not included.

**Variables**
The items from the NSSE survey appear in the left column in the same order and wording as they appear on the instrument.

**BENCHMARK**
Items that comprise the five "Benchmarks of Effective Educational Practice" are indicated by the following:

- **LAC**: Level of Academic Challenge
- **ACL**: Active and Collaborative Learning
- **SFI**: Student-Faculty Interaction
- **EEE**: Enriching Educational Experiences
- **SCE**: Supportive Campus Environment

**Variable Names**
The name of each variable appears in the first column for easy reference to your raw data file.

**Class**
Frequency distributions are reported separately for first-year students and seniors. Institution-reported class levels are used. Note that first-year reports of major are more likely to be unstable and interpretations of first-year results should be made with caution.

**Major**
Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod). Majors with less than five respondents in a given class are not reported. Comparison groups containing less than three institutions that have five respondents in a given major are left blank.

---

### NSSE 2009 Frequency Distributions for ARTS & HUMANITIES MAJORS at NSSEvale State University

#### ARTS & HUMANITIES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>NSSEville State</th>
<th>Mid East Public</th>
<th>Carnegie Class</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Asked questions in class or contributed to class discussions</td>
<td>Never</td>
<td>0%</td>
<td>16%</td>
<td>2%</td>
<td>77%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>2%</td>
<td>316%</td>
<td>30%</td>
<td>1,267%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>8%</td>
<td>353%</td>
<td>34%</td>
<td>1,846%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>14%</td>
<td>54%</td>
<td>353%</td>
<td>34%</td>
</tr>
<tr>
<td>B. Made a class presentation CLPRESEN</td>
<td>Never</td>
<td>0%</td>
<td>6%</td>
<td>116%</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>13%</td>
<td>50%</td>
<td>57%</td>
<td>56%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>14%</td>
<td>42%</td>
<td>27%</td>
<td>9%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2%</td>
<td>8%</td>
<td>69%</td>
<td>7%</td>
</tr>
<tr>
<td>C. Prepared two or more drafts of a paper or assignment Rewropap</td>
<td>Never</td>
<td>1%</td>
<td>4%</td>
<td>158%</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>15%</td>
<td>58%</td>
<td>34%</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>8%</td>
<td>31%</td>
<td>30%</td>
<td>1,417%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2%</td>
<td>8%</td>
<td>224%</td>
<td>22%</td>
</tr>
<tr>
<td>Total</td>
<td>26%</td>
<td>100%</td>
<td>1,033%</td>
<td>100%</td>
<td>4,596%</td>
</tr>
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#### ARTS & HUMANITIES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
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<th>Mid East Public</th>
<th>Carnegie Class</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Never asked questions in class or contributed to class discussions</td>
<td>0%</td>
<td>6%</td>
<td>116%</td>
<td>3%</td>
<td>468%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>2%</td>
<td>316%</td>
<td>30%</td>
<td>1,267%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>8%</td>
<td>353%</td>
<td>34%</td>
<td>1,846%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>14%</td>
<td>54%</td>
<td>353%</td>
<td>34%</td>
</tr>
<tr>
<td>B. Made a class presentation CLPRESEN</td>
<td>Never</td>
<td>0%</td>
<td>6%</td>
<td>116%</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>13%</td>
<td>50%</td>
<td>57%</td>
<td>56%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>14%</td>
<td>42%</td>
<td>27%</td>
<td>9%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2%</td>
<td>8%</td>
<td>69%</td>
<td>7%</td>
</tr>
<tr>
<td>C. Prepared two or more drafts of a paper or assignment Rewropap</td>
<td>Never</td>
<td>1%</td>
<td>4%</td>
<td>158%</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>15%</td>
<td>58%</td>
<td>34%</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>8%</td>
<td>31%</td>
<td>30%</td>
<td>1,417%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2%</td>
<td>8%</td>
<td>224%</td>
<td>22%</td>
</tr>
<tr>
<td>Total</td>
<td>26%</td>
<td>100%</td>
<td>1,033%</td>
<td>100%</td>
<td>4,596%</td>
</tr>
</tbody>
</table>

---

**Response Options**
Response options listed just as they appear on the instrument.

**Count**
The Count column represents the actual number of students who responded to the particular option in each question.

**Column Percentage (%)**
The % column represents the percentage of students responding to the particular option in each question.

**Weighting**
All results displayed in this report are unweighted.
### EDUCATION First-Year Students

<table>
<thead>
<tr>
<th></th>
<th>Mean Statistics</th>
<th>Distribution Statistics</th>
<th>Reference Group Comparison Statistics</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Mean</td>
<td>SD</td>
<td>SEM</td>
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<tr>
<td><strong>LEVEL OF ACADEMIC CHALLENGE (LAC)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IU South Bend (N = 42)</td>
<td>50.5</td>
<td>14.3</td>
<td>2.2</td>
</tr>
<tr>
<td>ADP</td>
<td>52.7</td>
<td>13.7</td>
<td>1.3</td>
</tr>
<tr>
<td>IUSB Expanded Peers</td>
<td>51.6</td>
<td>13.4</td>
<td>.6</td>
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<tr>
<td>NSSE 2009</td>
<td>54.2</td>
<td>13.0</td>
<td>.1</td>
</tr>
<tr>
<td><strong>ACTIVE AND COLLABORATIVE LEARNING (ACL)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IU South Bend (N = 42)</td>
<td>41.2</td>
<td>14.3</td>
<td>2.2</td>
</tr>
<tr>
<td>ADP</td>
<td>43.7</td>
<td>17.1</td>
<td>1.7</td>
</tr>
<tr>
<td>IUSB Expanded Peers</td>
<td>43.2</td>
<td>15.9</td>
<td>.7</td>
</tr>
<tr>
<td>NSSE 2009</td>
<td>45.5</td>
<td>16.1</td>
<td>.1</td>
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<tr>
<td><strong>STUDENT-FACULTY INTERACTION (SFI)</strong></td>
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<td></td>
<td></td>
</tr>
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<td>IU South Bend (N = 42)</td>
<td>37.1</td>
<td>19.5</td>
<td>3.0</td>
</tr>
<tr>
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<td>21.8</td>
<td>2.1</td>
</tr>
<tr>
<td>IUSB Expanded Peers</td>
<td>36.2</td>
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</tr>
<tr>
<td>NSSE 2009</td>
<td>36.4</td>
<td>17.8</td>
<td>.2</td>
</tr>
<tr>
<td><strong>ENRICHING EDUCATIONAL EXPERIENCES (EEE)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IU South Bend (N = 42)</td>
<td>25.7</td>
<td>16.2</td>
<td>2.5</td>
</tr>
<tr>
<td>ADP</td>
<td>28.4</td>
<td>15.6</td>
<td>1.5</td>
</tr>
<tr>
<td>IUSB Expanded Peers</td>
<td>26.3</td>
<td>13.6</td>
<td>.6</td>
</tr>
<tr>
<td>NSSE 2009</td>
<td>28.7</td>
<td>13.2</td>
<td>.1</td>
</tr>
<tr>
<td><strong>SUPPORTIVE CAMPUS ENVIRONMENT (SCE)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IU South Bend (N = 42)</td>
<td>59.7</td>
<td>19.3</td>
<td>3.0</td>
</tr>
<tr>
<td>ADP</td>
<td>65.9</td>
<td>18.4</td>
<td>1.8</td>
</tr>
<tr>
<td>IUSB Expanded Peers</td>
<td>62.3</td>
<td>18.9</td>
<td>.8</td>
</tr>
<tr>
<td>NSSE 2009</td>
<td>64.6</td>
<td>18.3</td>
<td>.2</td>
</tr>
</tbody>
</table>

* Student-reported primary major field (majrpcol).

1. Standard deviation is a measure of the average amount the individual scores deviate from the mean of all the scores in the distribution.
2. The 95% confidence interval for the population mean is equal to the sample mean plus/minus 1.96 times the standard error of the mean.
3. A percentile is the point in the distribution of student-level benchmark scores at or below which a given percentage of benchmark scores fall.
4. Degrees of freedom used to compute the t-tests. Values vary for the total Ns due to the equal variance assumption.
5. Statistical significance represents the probability that the difference between the mean of your institution and that of the comparison group occurred by chance.
6. Effect size is calculated by subtracting the comparison group mean from the school mean, and dividing the result by the pooled standard deviation.
## NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1a. Asked questions in class or contributed to class discussions</td>
<td>Never (ACL)</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>2</td>
<td>17%</td>
<td>8</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>4</td>
<td>33%</td>
<td>12</td>
<td>38%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>6</td>
<td>50%</td>
<td>12</td>
<td>38%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1b. Made a class presentation</td>
<td>Never (ACL)</td>
<td>1</td>
<td>8%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>5</td>
<td>42%</td>
<td>14</td>
<td>44%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>5</td>
<td>42%</td>
<td>12</td>
<td>38%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>1</td>
<td>8%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1c. Prepared two or more drafts of a paper or assignment before turning it in</td>
<td>Never (ACL)</td>
<td>4</td>
<td>33%</td>
<td>7</td>
<td>22%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>5</td>
<td>42%</td>
<td>10</td>
<td>31%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>0</td>
<td>0%</td>
<td>8</td>
<td>25%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>3</td>
<td>25%</td>
<td>7</td>
<td>22%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1d. Worked on a paper or project that required integrating ideas or information from various sources</td>
<td>Never (ACL)</td>
<td>0</td>
<td>0%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>4</td>
<td>33%</td>
<td>7</td>
<td>22%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>5</td>
<td>42%</td>
<td>10</td>
<td>31%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>5</td>
<td>42%</td>
<td>10</td>
<td>31%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1e. Included diverse perspectives (different races, religions, genders, political beliefs, etc.) in class discussions or writing assignments</td>
<td>Never (ACL)</td>
<td>3</td>
<td>27%</td>
<td>6</td>
<td>19%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>3</td>
<td>27%</td>
<td>14</td>
<td>45%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>2</td>
<td>18%</td>
<td>11</td>
<td>33%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>3</td>
<td>27%</td>
<td>0</td>
<td>0%</td>
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<tr>
<td></td>
<td>Total</td>
<td>11</td>
<td>100%</td>
<td>31</td>
<td>100%</td>
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### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1f. Come to class without completing readings or assignments</td>
<td>Never (ACL)</td>
<td>3</td>
<td>25%</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>6</td>
<td>50%</td>
<td>21</td>
<td>66%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>1</td>
<td>8%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2</td>
<td>17%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
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### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IUS South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1g. Worked with other students on projects during class</td>
<td>Never (ACL)</td>
<td>1</td>
<td>8%</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td></td>
<td>Sometimes</td>
<td>6</td>
<td>50%</td>
<td>14</td>
<td>44%</td>
</tr>
<tr>
<td></td>
<td>Often</td>
<td>3</td>
<td>25%</td>
<td>10</td>
<td>31%</td>
</tr>
<tr>
<td></td>
<td>Very often</td>
<td>2</td>
<td>17%</td>
<td>3</td>
<td>9%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Notes

- Major classifications are based on recodes of the student-provided PRIMARY major (majrpocd).

---

1. NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend.

2. PHYSICAL SCIENCES First-Year Students and Seniors.

3. IUS South Bend, ADP, Peers, NSSE 2009.

4. Never, Sometimes, Often, Very often.

5. Total 12, 100%.

### NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

#### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
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<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>1h. Worked with classmates <strong>outside of class</strong> to prepare class assignments</td>
<td>OCCGRP (ACL)</td>
<td>Never</td>
<td>1 8%</td>
<td>2 6%</td>
<td>12 8%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>4 33%</td>
<td>9 29%</td>
<td>57 38%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>6 50%</td>
<td>14 45%</td>
<td>45 30%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>1 8%</td>
<td>6 19%</td>
<td>38 25%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>31 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1i. Put together ideas or concepts from different courses when completing assignments or during class discussions</td>
<td>INTIDEAS</td>
<td>Never</td>
<td>0 0%</td>
<td>1 3%</td>
<td>3 2%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>3 25%</td>
<td>10 32%</td>
<td>43 28%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>6 50%</td>
<td>10 32%</td>
<td>63 41%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>3 25%</td>
<td>10 32%</td>
<td>43 28%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>31 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1j. Tutored or taught other students (paid or voluntary)</td>
<td>TUTOR (ACL)</td>
<td>Never</td>
<td>2 17%</td>
<td>2 6%</td>
<td>24 16%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>3 25%</td>
<td>12 38%</td>
<td>53 35%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>3 25%</td>
<td>7 22%</td>
<td>35 23%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>4 33%</td>
<td>11 34%</td>
<td>40 26%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1k. Participated in a community-based project (e.g. service learning) as part of a regular course</td>
<td>COMMPROJ (ACL)</td>
<td>Never</td>
<td>8 67%</td>
<td>19 59%</td>
<td>96 63%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>4 33%</td>
<td>13 41%</td>
<td>40 26%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>0 0%</td>
<td>0 0%</td>
<td>9 6%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>0 0%</td>
<td>0 0%</td>
<td>7 5%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1l. Used an electronic medium (listserv, chat group, Internet, instant messaging, etc.) to discuss or complete an assignment</td>
<td>ITACADEM (EEE)</td>
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<td>4 13%</td>
<td>19 13%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>2 17%</td>
<td>15 47%</td>
<td>54 36%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>4 33%</td>
<td>6 19%</td>
<td>41 27%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>3 25%</td>
<td>7 22%</td>
<td>38 25%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1m. Used e-mail to communicate with an instructor</td>
<td>EMAIL</td>
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<td>0 0%</td>
<td>0 0%</td>
<td>2 1%</td>
</tr>
<tr>
<td></td>
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<td>Sometimes</td>
<td>2 17%</td>
<td>10 31%</td>
<td>23 15%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>3 25%</td>
<td>16 50%</td>
<td>53 35%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>7 58%</td>
<td>6 19%</td>
<td>74 49%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
</tr>
<tr>
<td>1n. Discussed grades or assignments with an instructor</td>
<td>FACGRADE (SFI)</td>
<td>Never</td>
<td>0 0%</td>
<td>0 0%</td>
<td>6 4%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sometimes</td>
<td>3 25%</td>
<td>10 31%</td>
<td>46 30%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>4 33%</td>
<td>15 47%</td>
<td>48 32%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>5 42%</td>
<td>7 22%</td>
<td>52 34%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
</tr>
</tbody>
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**NOTE:** Major classifications are based on recodes of the student-provided PRIMARY major (majrprocod).
## NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.</td>
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</tr>
<tr>
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<td>% 36</td>
<td>Count 57</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>Count 44</td>
<td>% 36</td>
<td>Count 40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>Count 44</td>
<td>% 36</td>
<td>Count 40</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>Count 120</td>
<td>% 100</td>
<td>Count 152</td>
<td>% 100</td>
</tr>
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</table>

### PHYSICAL SCIENCES Seniors

<table>
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<th>ADP Peers</th>
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<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.</td>
<td>FACPLANS (SFI)</td>
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<td>Count 6</td>
<td>% 50</td>
<td>Count 3</td>
</tr>
<tr>
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<td>Count 33</td>
<td>% 27</td>
<td>Count 41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Often</td>
<td>Count 33</td>
<td>% 27</td>
<td>Count 41</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very often</td>
<td>Count 33</td>
<td>% 27</td>
<td>Count 41</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>Count 12</td>
<td>% 100</td>
<td>Count 152</td>
<td>% 100</td>
</tr>
</tbody>
</table>

### Additional Notes

- **Talked about career plans with a faculty member or advisor**
- **Discussed ideas from your readings or classes with faculty members outside of class**
- **Received prompt written or oral feedback from faculty on your academic performance**
- **Worked harder than you thought you could to meet an instructor's standards or expectations**
- **Worked with faculty members on activities other than coursework (committees, orientation, student life activities, etc.)**
- **Discussed ideas from your readings or classes with others outside of class (students, family members, co-workers, etc.)**
- **Had serious conversations with students of a different race or ethnicity than your own**

NOTE: Major classifications are based on recodes of the student-provided PRIMARY major (majrpod).
<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Had serious conversations with students who are very different from you in terms of their religious beliefs, political opinions, or personal values</td>
<td>DIFFSTU2 (EEE)</td>
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</tr>
<tr>
<td></td>
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<td>Sometimes</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Often</td>
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<tr>
<td></td>
<td></td>
<td>Very often</td>
<td></td>
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<td></td>
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<td>Total</td>
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</tr>
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<td>Coursework emphasizes:</td>
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</tr>
<tr>
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<td>Some</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quite a bit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coursework emphasizes:</td>
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<tr>
<td></td>
<td></td>
<td>Some</td>
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<tr>
<td></td>
<td></td>
<td>Quite a bit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td></td>
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<td></td>
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<td>Total</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quite a bit</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td>Total</td>
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</tr>
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</tr>
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<td></td>
<td>Quite a bit</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Total</td>
<td></td>
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</tr>
<tr>
<td>Number of assigned textbooks, books, or book-length packs of course readings</td>
<td>READASGN (LAC)</td>
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<tr>
<td></td>
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<td></td>
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<td>5-10</td>
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</tr>
<tr>
<td></td>
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<td>11-20</td>
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</tr>
<tr>
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<td></td>
<td>More than 20</td>
<td></td>
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<td>Total</td>
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</tr>
</tbody>
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### NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

#### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>3b.</td>
<td>Number of books read on your own (not assigned) for personal enjoyment or academic enrichment</td>
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<td>Number of written papers or reports of 20 pages or more</td>
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</tr>
<tr>
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</tr>
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<td>7%</td>
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<td>100%</td>
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<td>Number of problem sets that take you less than an hour to complete</td>
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<td>28%</td>
<td>37</td>
<td>24%</td>
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<td>5-6</td>
<td>8</td>
<td>25%</td>
<td>53</td>
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<td>1,012</td>
<td>20%</td>
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<td>7%</td>
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<td>Total</td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
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</tbody>
</table>

**Note:** Major classifications are based on recodes of the student-provided PRIMARY major (majrpco).
### NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

#### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
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<th>Peers</th>
<th>NSSE 2009</th>
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<td>%</td>
<td>Count</td>
<td>%</td>
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#### PHYSICAL SCIENCES First-Year Students

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</table>

#### Notes
- Major classifications are based on recodes of the student-provided PRIMARY major (majrcod).
- Percentages may not sum to 100% due to rounding.

---

**Attended an art exhibit, play, dance, music, theater, or other performance**

**Exercised or participated in physical fitness activities**

**Participated in activities to enhance your spirituality (worship, meditation, prayer, etc.)**

**Examined the strengths and weaknesses of your own views on a topic or issue**

**Tried to better understand someone else's views by imagining how an issue looks from his or her perspective**

**Learned something that changed the way you understand an issue or concept**
### PHYSICAL SCIENCES First-Year Students

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<th>%</th>
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**NOTE:** Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod).
### Culinating senior experience (capstone course, senior project or thesis, comprehensive exam, etc.)

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### Quality of relationships with other students

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<td>Count %</td>
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<td>Count %</td>
</tr>
<tr>
<td>8a. ENVSTU (SCE)</td>
<td>Unfriendly, Unsupportive, Sense of alienation</td>
<td>0 0%</td>
<td>1 3%</td>
<td>2 1%</td>
<td>51 1%</td>
</tr>
<tr>
<td></td>
<td>Available, Helpful, Sympathetic</td>
<td>3 25%</td>
<td>7 22%</td>
<td>35 23%</td>
<td>1,496 29%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
<td>5,155 100%</td>
</tr>
</tbody>
</table>

### Quality of relationships with faculty members

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Count %</td>
<td>Count %</td>
<td>Count %</td>
<td>Count %</td>
</tr>
<tr>
<td>8b. ENVFAC (SCE)</td>
<td>Unavailable, Unhelpful, Unsympathetic</td>
<td>0 0%</td>
<td>0 0%</td>
<td>1 1%</td>
<td>46 1%</td>
</tr>
<tr>
<td></td>
<td>Available, Helpful, Sympathetic</td>
<td>2 17%</td>
<td>10 31%</td>
<td>53 35%</td>
<td>1,387 27%</td>
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<td>Total</td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
<td>5,152 100%</td>
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</table>

### Quality of relationships with administrative personnel and offices

<table>
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<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Count %</td>
<td>Count %</td>
<td>Count %</td>
<td>Count %</td>
</tr>
<tr>
<td>8c. ENVADM (SCE)</td>
<td>Unhelpful, Inconsiderate, Rigid</td>
<td>0 0%</td>
<td>1 3%</td>
<td>6 4%</td>
<td>274 5%</td>
</tr>
<tr>
<td></td>
<td>Available, Helpful, Sympathetic</td>
<td>2 17%</td>
<td>3 9%</td>
<td>25 16%</td>
<td>622 12%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12 100%</td>
<td>32 100%</td>
<td>152 100%</td>
<td>5,153 100%</td>
</tr>
</tbody>
</table>

**NOTE:** Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod).

8
### Variable: Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities)

<table>
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<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1-5 hr/wk</td>
<td>1</td>
<td>8%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
<td>3</td>
<td>25%</td>
<td>5</td>
<td>16%</td>
</tr>
<tr>
<td>11-15 hr/wk</td>
<td>4</td>
<td>33%</td>
<td>8</td>
<td>25%</td>
</tr>
<tr>
<td>16-20 hr/wk</td>
<td>1</td>
<td>8%</td>
<td>7</td>
<td>22%</td>
</tr>
<tr>
<td>21-25 hr/wk</td>
<td>2</td>
<td>17%</td>
<td>3</td>
<td>9%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>0</td>
<td>0%</td>
<td>3</td>
<td>9%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
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<td>4</td>
<td>13%</td>
</tr>
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<td><strong>Total</strong></td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
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</table>

### Variable: Working for pay on campus

<table>
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<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
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<td>6</td>
<td>50%</td>
<td>14</td>
<td>44%</td>
</tr>
<tr>
<td>1-5 hr/wk</td>
<td>3</td>
<td>25%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
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<td>3</td>
<td>9%</td>
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<tr>
<td>11-15 hr/wk</td>
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<td>8%</td>
<td>8</td>
<td>25%</td>
</tr>
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<td>16%</td>
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<td>3%</td>
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<td>3%</td>
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<td>30+ hr/wk</td>
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<td>1</td>
<td>3%</td>
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<tr>
<td><strong>Total</strong></td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Variable: Working for pay off campus

<table>
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<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>5</td>
<td>42%</td>
<td>13</td>
<td>41%</td>
</tr>
<tr>
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<td>17%</td>
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<td>6-10 hr/wk</td>
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<td>17%</td>
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<td>9%</td>
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<td>9%</td>
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<td>9%</td>
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<td>8%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>1</td>
<td>8%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
<td>1</td>
<td>8%</td>
<td>4</td>
<td>13%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>

### Variable: Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.)

<table>
<thead>
<tr>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>7</td>
<td>58%</td>
<td>13</td>
<td>41%</td>
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<td>1-5 hr/wk</td>
<td>5</td>
<td>42%</td>
<td>11</td>
<td>34%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
<td>0</td>
<td>0%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td>11-15 hr/wk</td>
<td>0</td>
<td>0%</td>
<td>3</td>
<td>9%</td>
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<tr>
<td>16-20 hr/wk</td>
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<td>9%</td>
</tr>
<tr>
<td>21-25 hr/wk</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>12</td>
<td>100%</td>
<td>32</td>
<td>100%</td>
</tr>
</tbody>
</table>
### Variable: Relaxing and socializing (watching TV, partying, etc.)

<table>
<thead>
<tr>
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<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>0 0%</td>
</tr>
<tr>
<td>1-5 hr/wk</td>
<td>4 33%</td>
<td></td>
<td>8 25%</td>
<td>48 32%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
<td>3 25%</td>
<td></td>
<td>10 31%</td>
<td>46 30%</td>
</tr>
<tr>
<td>11-15 hr/wk</td>
<td>2 17%</td>
<td></td>
<td>8 25%</td>
<td>21 14%</td>
</tr>
<tr>
<td>16-20 hr/wk</td>
<td>2 17%</td>
<td></td>
<td>3 9%</td>
<td>19 13%</td>
</tr>
<tr>
<td>21-25 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>1 3%</td>
<td>6 4%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>1 8%</td>
<td></td>
<td>0 0%</td>
<td>5 3%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
<td>0 0%</td>
<td></td>
<td>2 6%</td>
<td>5 3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12 100%</strong></td>
<td><strong>32 100%</strong></td>
<td><strong>151 100%</strong></td>
<td><strong>5,148 100%</strong></td>
</tr>
</tbody>
</table>

### Variable: Providing care for dependents living with you (parents, children, spouse, etc.)

<table>
<thead>
<tr>
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<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>5 42%</td>
<td></td>
<td>18 56%</td>
<td>77 51%</td>
</tr>
<tr>
<td>1-5 hr/wk</td>
<td>1 8%</td>
<td></td>
<td>5 16%</td>
<td>29 19%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
<td>1 8%</td>
<td></td>
<td>2 6%</td>
<td>10 7%</td>
</tr>
<tr>
<td>11-15 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>1 3%</td>
<td>3 2%</td>
</tr>
<tr>
<td>16-20 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>2 6%</td>
<td>8 5%</td>
</tr>
<tr>
<td>21-25 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>3 2%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>2 6%</td>
<td>1 1%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
<td>5 42%</td>
<td></td>
<td>2 6%</td>
<td>20 13%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12 100%</strong></td>
<td><strong>32 100%</strong></td>
<td><strong>151 100%</strong></td>
<td><strong>5,143 100%</strong></td>
</tr>
</tbody>
</table>

### Variable: Commuting to class (driving, walking, etc.)

<table>
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<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>1 3%</td>
<td>6 4%</td>
</tr>
<tr>
<td>1-5 hr/wk</td>
<td>8 67%</td>
<td></td>
<td>25 78%</td>
<td>99 66%</td>
</tr>
<tr>
<td>6-10 hr/wk</td>
<td>4 33%</td>
<td></td>
<td>3 9%</td>
<td>33 22%</td>
</tr>
<tr>
<td>11-15 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>3 9%</td>
<td>4 3%</td>
</tr>
<tr>
<td>16-20 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>3 2%</td>
</tr>
<tr>
<td>21-25 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>1 1%</td>
</tr>
<tr>
<td>26-30 hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>1 1%</td>
</tr>
<tr>
<td>30+ hr/wk</td>
<td>0 0%</td>
<td></td>
<td>0 0%</td>
<td>4 3%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12 100%</strong></td>
<td><strong>32 100%</strong></td>
<td><strong>151 100%</strong></td>
<td><strong>5,152 100%</strong></td>
</tr>
</tbody>
</table>

### Variable: Spending significant amounts of time studying and on academic work

<table>
<thead>
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<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very little</td>
<td>1 8%</td>
<td></td>
<td>0 0%</td>
<td>3 2%</td>
</tr>
<tr>
<td>Some</td>
<td>1 8%</td>
<td></td>
<td>8 25%</td>
<td>21 14%</td>
</tr>
<tr>
<td>Quite a bit</td>
<td>6 50%</td>
<td></td>
<td>15 47%</td>
<td>71 47%</td>
</tr>
<tr>
<td>Very much</td>
<td>4 33%</td>
<td></td>
<td>9 28%</td>
<td>56 37%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12 100%</strong></td>
<td><strong>32 100%</strong></td>
<td><strong>151 100%</strong></td>
<td><strong>5,152 100%</strong></td>
</tr>
</tbody>
</table>

### Variable: Providing the support you need to help you succeed academically

<table>
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<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very little</td>
<td>0 0%</td>
<td></td>
<td>1 3%</td>
<td>1 1%</td>
</tr>
<tr>
<td>Some</td>
<td>5 42%</td>
<td></td>
<td>4 13%</td>
<td>31 21%</td>
</tr>
<tr>
<td>Quite a bit</td>
<td>3 25%</td>
<td></td>
<td>17 53%</td>
<td>76 50%</td>
</tr>
<tr>
<td>Very much</td>
<td>4 33%</td>
<td></td>
<td>10 31%</td>
<td>43 28%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12 100%</strong></td>
<td><strong>32 100%</strong></td>
<td><strong>151 100%</strong></td>
<td><strong>5,133 100%</strong></td>
</tr>
</tbody>
</table>

**NOTE:** Major classifications are based on recodes of the student-provided PRIMARY major (majpcod).
<table>
<thead>
<tr>
<th>Variable</th>
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<th>Count</th>
<th>%</th>
<th>Count</th>
<th>%</th>
<th>Count</th>
<th>%</th>
<th>Count</th>
<th>%</th>
<th>Count</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>10c. Encouraging contact among students from different economic, social, and racial or ethnic backgrounds</td>
<td>ENVDIVRS (EEE)</td>
<td>Very little</td>
<td>1</td>
<td>17%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Some</td>
<td>4</td>
<td>67%</td>
<td>2</td>
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<td>0</td>
<td>0%</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quite a bit</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
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<td>0</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>100%</strong></td>
<td><strong>32</strong></td>
<td><strong>100%</strong></td>
<td><strong>151</strong></td>
<td><strong>100%</strong></td>
<td><strong>5,140</strong></td>
<td><strong>100%</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10d. Helping you cope with your non-academic responsibilities (work, family, etc.)</td>
<td>ENVACAD (SCE)</td>
<td>Very little</td>
<td>6</td>
<td>50%</td>
<td>9</td>
<td>28%</td>
<td>55</td>
<td>36%</td>
<td>1,703</td>
<td>33%</td>
<td>1,703</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Some</td>
<td>1</td>
<td>8%</td>
<td>15</td>
<td>47%</td>
<td>56</td>
<td>37%</td>
<td>2,109</td>
<td>41%</td>
<td>2,109</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quite a bit</td>
<td>0</td>
<td>0%</td>
<td>7</td>
<td>22%</td>
<td>19</td>
<td>12%</td>
<td>574</td>
<td>11%</td>
<td>574</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Very much</td>
<td>0</td>
<td>0%</td>
<td>1</td>
<td>3%</td>
<td>8</td>
<td>5%</td>
<td>56</td>
<td>10%</td>
<td>56</td>
</tr>
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Note: Major classifications are based on recodes of the student-provided PRIMARY major (majrcpcod).
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<th>NSSE 2009</th>
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NOTE: Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod).
## NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

### PHYSICAL SCIENCES First-Year Students

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<td>25%</td>
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<tr>
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<td>42%</td>
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<tr>
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### PHYSICAL SCIENCES Seniors

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### PHYSICAL SCIENCES First-Year Students

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### PHYSICAL SCIENCES Seniors

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<td>Very much</td>
<td>3</td>
<td>25%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
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</table>

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>11n. Developing a personal code of values and ethics</td>
<td>Very little</td>
<td>4</td>
<td>33%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Some</td>
<td>5</td>
<td>42%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Quite a bit</td>
<td>3</td>
<td>25%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Very much</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
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<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>11o. Contributing to the welfare of your community</td>
<td>Very little</td>
<td>4</td>
<td>33%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Some</td>
<td>5</td>
<td>42%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Quite a bit</td>
<td>3</td>
<td>25%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Very much</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
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</tbody>
</table>

### PHYSICAL SCIENCES First-Year Students

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<thead>
<tr>
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<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>11p. Developing a deepened sense of spirituality</td>
<td>Very little</td>
<td>9</td>
<td>75%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Some</td>
<td>3</td>
<td>25%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Quite a bit</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>Very much</td>
<td>0</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
<td><strong>100%</strong></td>
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### PHYSICAL SCIENCES Seniors

<table>
<thead>
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<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP Peers</th>
<th>IUSB Expanded Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
</table>

### NOTE

Major classifications are based on recodes of the student-provided PRIMARY major (majrpcodes).
## NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>IUSB Expanded</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. ADVISE</td>
<td>Poor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 8%</td>
<td>1 3%</td>
<td>7 5%</td>
<td>419 8%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fair</td>
<td>2 17%</td>
<td>4 13%</td>
<td>17 11%</td>
<td>897 17%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Good</td>
<td>1 8%</td>
<td>18 56%</td>
<td>74 49%</td>
<td>2,122 41%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Excellent</td>
<td>8 67%</td>
<td>9 28%</td>
<td>53 35%</td>
<td>1,721 33%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12 100%</td>
<td>32 100%</td>
<td>151 100%</td>
<td>5,159 100%</td>
<td></td>
</tr>
</tbody>
</table>

| 13. ENTIREXP           | Poor             | 0 0%          | 0 0%| 3 2%          | 117 2% |
|                        | Fair             | 3 25%         | 4 13%| 17 11%       | 596 12% |
|                        | Good             | 4 33%         | 15 47%| 78 52%       | 2,369 46% |
|                        | Excellent        | 5 42%         | 13 41%| 53 35%       | 2,076 40% |
|                        | Total            | 12 100%       | 32 100%| 151 100%     | 5,158 100% |

| 14. SAMECOLL           | Definitely no    | 0 0%          | 2 6%| 5 3%          | 268 5% |
|                        | Probably no      | 2 17%         | 3 9%| 23 15%       | 686 13% |
|                        | Probably yes     | 6 50%         | 13 41%| 55 36%       | 1,943 38% |
|                        | Definitely yes   | 4 33%         | 14 44%| 68 45%       | 2,260 44% |
|                        | Total            | 12 100%       | 32 100%| 151 100%     | 5,157 100% |

### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>IUSB Expanded</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. ADVISE</td>
<td>Poor</td>
<td>1 8%</td>
<td>1 3%</td>
<td>7 5%</td>
<td>419 8%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fair</td>
<td>2 17%</td>
<td>4 13%</td>
<td>17 11%</td>
<td>897 17%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Good</td>
<td>1 8%</td>
<td>18 56%</td>
<td>74 49%</td>
<td>2,122 41%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Excellent</td>
<td>8 67%</td>
<td>9 28%</td>
<td>53 35%</td>
<td>1,721 33%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12 100%</td>
<td>32 100%</td>
<td>151 100%</td>
<td>5,159 100%</td>
<td></td>
</tr>
</tbody>
</table>

| 13. ENTIREXP           | Poor             | 0 0%          | 0 0%| 3 2%          | 117 2% |
|                        | Fair             | 3 25%         | 4 13%| 17 11%       | 596 12% |
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|                        | Excellent        | 5 42%         | 13 41%| 53 35%       | 2,076 40% |
|                        | Total            | 12 100%       | 32 100%| 151 100%     | 5,158 100% |

| 14. SAMECOLL           | Definitely no    | 0 0%          | 2 6%| 5 3%          | 268 5% |
|                        | Probably no      | 2 17%         | 3 9%| 23 15%       | 686 13% |
|                        | Probably yes     | 6 50%         | 13 41%| 55 36%       | 1,943 38% |
|                        | Definitely yes   | 4 33%         | 14 44%| 68 45%       | 2,260 44% |
|                        | Total            | 12 100%       | 32 100%| 151 100%     | 5,157 100% |

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### NSSE 2009 Frequency Distributions for PHYSICAL SCIENCES MAJORS at Indiana University South Bend

#### PHYSICAL SCIENCES First-Year Students

<table>
<thead>
<tr>
<th>Variable</th>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGE</td>
<td>19 or younger</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>52%</td>
</tr>
<tr>
<td></td>
<td>20-23</td>
<td>6</td>
<td>50%</td>
<td>22</td>
<td>69%</td>
</tr>
<tr>
<td></td>
<td>24-29</td>
<td>2</td>
<td>17%</td>
<td>7</td>
<td>22%</td>
</tr>
<tr>
<td></td>
<td>30-39</td>
<td>3</td>
<td>25%</td>
<td>2</td>
<td>6%</td>
</tr>
<tr>
<td></td>
<td>40-55</td>
<td>1</td>
<td>8%</td>
<td>1</td>
<td>3%</td>
</tr>
<tr>
<td></td>
<td>Over 55</td>
<td>0</td>
<td>0%</td>
<td>0</td>
<td>1%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>30</td>
<td>100%</td>
</tr>
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#### PHYSICAL SCIENCES Seniors

<table>
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<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEX</td>
<td>Male</td>
<td>8</td>
<td>67%</td>
<td>18</td>
<td>56%</td>
</tr>
<tr>
<td></td>
<td>Female</td>
<td>4</td>
<td>33%</td>
<td>14</td>
<td>44%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>12</td>
<td>100%</td>
<td>36</td>
<td>100%</td>
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</table>

#### Are you an international student or foreign national?

<table>
<thead>
<tr>
<th>INTERNAT</th>
<th>No</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12</td>
<td>100%</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>100%</td>
</tr>
</tbody>
</table>

#### What is your racial or ethnic identification? (Select only one.)

<table>
<thead>
<tr>
<th>RACE05</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Indian or other Native American</td>
</tr>
<tr>
<td>Asian, Asian American, or Pacific Islander</td>
</tr>
<tr>
<td>Black or African American</td>
</tr>
<tr>
<td>White (non-Hispanic)</td>
</tr>
<tr>
<td>Mexican or Mexican American</td>
</tr>
<tr>
<td>Puerto Rican</td>
</tr>
<tr>
<td>Other Hispanic or Latino</td>
</tr>
<tr>
<td>Multiracial</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>I prefer not to respond</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

#### What is your current classification in college?

<table>
<thead>
<tr>
<th>CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman/first year</td>
</tr>
<tr>
<td>Sophomore</td>
</tr>
<tr>
<td>Junior</td>
</tr>
<tr>
<td>Senior</td>
</tr>
<tr>
<td>Unclassified</td>
</tr>
<tr>
<td></td>
</tr>
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<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

#### Did you begin college at your current institution or elsewhere?

<table>
<thead>
<tr>
<th>ENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Started here</td>
</tr>
<tr>
<td>Started elsewhere</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

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<th>ADP</th>
<th>IUSB Expanded</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOTECH05</td>
<td>Vocational or technical school</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMCOL05</td>
<td>Community or junior college</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOURYR05</td>
<td>4-year college other than this one</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NONE05</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCOL1_05</td>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PHYSICAL SCIENCES Seniors

<table>
<thead>
<tr>
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<th>Response Options</th>
<th>IU South Bend</th>
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<th>IUSB Expanded</th>
<th>Peers</th>
<th>NSSE 2009</th>
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</thead>
<tbody>
<tr>
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<td>Vocational or technical school</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMCOL05</td>
<td>Community or junior college</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOURYR05</td>
<td>4-year college other than this one</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NONE05</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OCOL1_05</td>
<td>Other</td>
<td></td>
<td></td>
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</table>

### Notes

- **Variable Response Options Count % Count % Count % Count % Count % Count % Count % Count %**
- **ADP**
- **IUSB Expanded**
- **Peers**
- **NSSE 2009**

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### PHYSICAL SCIENCES First-Year Students

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<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GRADE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C- or lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B+</td>
<td></td>
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</tr>
<tr>
<td>A-</td>
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</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

25. What have most of your grades been up to now at this institution?

<table>
<thead>
<tr>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>C- or lower</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
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</tr>
<tr>
<td>C+</td>
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<td></td>
</tr>
<tr>
<td>B-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>B+</td>
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<td></td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
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</table>

26. Which of the following best describes where you are living now while attending college?

<table>
<thead>
<tr>
<th>Response Options</th>
<th>IU South Bend</th>
<th>ADP</th>
<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dormitory or other campus housing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residence, walking distance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residence, driving distance</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fraternity or sorority house</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>None of the above</td>
<td></td>
<td></td>
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27a. What is the highest level of education that your father completed?

<table>
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<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did not finish HS</td>
<td></td>
<td></td>
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<tr>
<td>Graduated from HS</td>
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<tr>
<td>Attended, no degree</td>
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<tr>
<td>Completed Associate's</td>
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<tr>
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</tr>
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<td><strong>Total</strong></td>
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27b. What is the highest level of education that your mother completed?

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<tbody>
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<tr>
<td>Graduated from HS</td>
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<tr>
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<td>Completed Associate's</td>
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### PHYSICAL SCIENCES Seniors

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</tr>
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<td>C+</td>
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</tr>
<tr>
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<td><strong>Total</strong></td>
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25. What have most of your grades been up to now at this institution?

<table>
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<th>NSSE 2009</th>
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<tbody>
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<td>B-</td>
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</tr>
<tr>
<td>B+</td>
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<td></td>
</tr>
<tr>
<td>A-</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>A</td>
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<tr>
<td><strong>Total</strong></td>
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26. Which of the following best describes where you are living now while attending college?

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<th>Peers</th>
<th>NSSE 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dormitory or other campus housing</td>
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<tr>
<td>Residence, walking distance</td>
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<tr>
<td>Residence, driving distance</td>
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</tr>
<tr>
<td>Fraternity or sorority house</td>
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<tr>
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27a. What is the highest level of education that your father completed?

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<tbody>
<tr>
<td>Did not finish HS</td>
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<td><strong>Total</strong></td>
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27b. What is the highest level of education that your mother completed?

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<th>Peers</th>
<th>NSSE 2009</th>
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### PHYSICAL SCIENCES First-Year Students

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### PHYSICAL SCIENCES Seniors

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<tr>
<td>29.</td>
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NOTE: Major classifications are based on recodes of the student-provided PRIMARY major (majrpcod).