FALL 2008 MAP-Works TRANSITION SURVEY STUDENT PROFILE

Students in these groups were MORE LIKELY to take the MAP-Works Transition Survey than their counterparts:

- Students admitted F08 were more likely to participate (69%) than those admitted Su08 (57%), $\chi^2 = 9.241, p = .002$
- Women (74%) than men (63%), $\chi^2 = 63.29, p < .001$
- LC member (74%) more than non-LC member (58%), $\chi^2 = 117.806, p < .001$
- Non-athletes (68%) than athletes (56%), $\chi^2 = 11.371, p = .001$
- On campus students (75%) than off-campus students (15%), $\chi^2 = 693.611, p < .001$
- Non-Greek students (71%) compared with Greek students (55%), $\chi^2 = 73.222, p < .001$
- Citizens (70%) were more likely than non-citizens (41%), $\chi^2 = 74.713, p < .001$
- Students not predicted to be at risk (71%) compared to students who were predicted not to succeed (51%), $\chi^2 = 93.193, p < .001$
- Students not in the summer trial program (69%) compared with students who were in the summer trial program (37%), $\chi^2 = 22.748, p < .001$
- College of Engineering member (74%) compared with students who were not (66%) $\chi^2 = 24.219, p < .001$
- College of Agriculture member (74%) compared with students who were not (68%) $\chi^2 = 9.268, p = .002$
- Not a member of the College of Business (70%) compared with students who were (57%), $\chi^2 = 34.980, p < .001$
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar Data Name</th>
<th>Did not Take TS</th>
<th>Did not Took TS</th>
<th>F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS_GEOM_UNITS</td>
<td>2.59</td>
<td>2.73</td>
<td>93.206</td>
<td>.000</td>
</tr>
<tr>
<td>HS_CALC_UNITS</td>
<td>0.58</td>
<td>0.88</td>
<td>79.538</td>
<td>.000</td>
</tr>
<tr>
<td>HS_TRIG_UNITS</td>
<td>0.80</td>
<td>0.89</td>
<td>43.731</td>
<td>.000</td>
</tr>
<tr>
<td>HS_SPNSH_UNITS</td>
<td>4.40</td>
<td>4.91</td>
<td>26.342</td>
<td>.000</td>
</tr>
<tr>
<td>HS_BIO_UNITS</td>
<td>2.51</td>
<td>2.67</td>
<td>18.353</td>
<td>.000</td>
</tr>
<tr>
<td>HS_FRNCH_UNITS</td>
<td>0.57</td>
<td>0.82</td>
<td>14.136</td>
<td>.000</td>
</tr>
<tr>
<td>HS_ALGBR_UNITS</td>
<td>4.00</td>
<td>4.03</td>
<td>6.558</td>
<td>.010</td>
</tr>
<tr>
<td>HS_ENGL_UNITS</td>
<td>8.21</td>
<td>8.24</td>
<td>4.736</td>
<td>.030</td>
</tr>
<tr>
<td>HS_CHEM_UNITS</td>
<td>2.22</td>
<td>2.28</td>
<td>4.571</td>
<td>.033</td>
</tr>
</tbody>
</table>

Elements that DID NOT seem to matter (proportions taking the survey were not significantly different)

- Students who changed major from one semester to another or not
- Minority or not
- Students who took Psych 131 or not
- In state residents or not
- The student is part of the 4-year contract program (to graduate within 4 years) or not
- Parents were an alumni or not
- Average high school credits brought to Iowa State for each of the following:
  - HS_SCNCE_UNITS
  - HS_ART_UNITS
  - HS_LATIN_UNITS
  - HS_PHYS_UNITS
  - HS_RSSN_UNITS
  - HS_SCL_SCNCE_UNITS
  - HS_GRMN_UNITS
- Student in College of Design College
- Student in Human Sciences College
- Student in the LAS College
Students in these groups were **MORE LIKELY** to take the MAP-Works Transition Survey than their counterparts:

- Students admitted F09 were more likely to participate (75.7%) than those admitted Su08 (57.7%), \( \chi^2 = 30.049, p < .001 \)
- Women (77%) than men (73.2%), \( \chi^2 = 8.227, p = .004 \)
- IC members (78.1%) more than non-IC members (68.3%), \( \chi^2 = 48.073, p < .001 \)
- Non-athletes (75.5%) than athletes (57.1%), \( \chi^2 = 21.857, p = .001 \)
- On campus students (79.7%) than off-campus students (33%), \( \chi^2 = 462.287, p < .001 \)
- Non-Greek students (68.5%) compared with Greek students (76%), \( \chi^2 = 15.454, p < .001 \)
- Citizens (76.4%) were more likely than non-citizens (46.4%), \( \chi^2 = 95.983, p < .001 \)
- Students not predicted to be at risk (75.8%) compared to students who were predicted not to succeed (68%), \( \chi^2 = 13.992, p < .001 \)
- Students not in the summer trial program (75.2%) compared with students who were in the summer trial program (58.2%), \( \chi^2 = 11.950, p < .001 \)
- Not a member of the College of Design College (75.5%) compared with students who were (69.5%), \( \chi^2 = 7.299, p < .007 \)
- College of Engineering member (83.6%) compared with students who were not (71.2%), \( \chi^2 = 74.268, p < .001 \)
- Not a member of the College of Human Sciences (75.5%) compared with students who were (69.3%), \( \chi^2 = 7.544, p < .006 \)
- Not a member of the College of Business (76.4%) compared with students who were (61.6%), \( \chi^2 = 44.730, p < .000 \)
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar Data Name</th>
<th>Did not Take TS</th>
<th>Took TS</th>
<th>F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS_GEOM_UNITS</td>
<td>2.58</td>
<td>2.72</td>
<td>71.828</td>
<td>.000</td>
</tr>
<tr>
<td>o HS_CALC_UNITS</td>
<td>0.56</td>
<td>0.97</td>
<td>94.682</td>
<td>.000</td>
</tr>
<tr>
<td>o HS_TRIG_UNITS</td>
<td>0.87</td>
<td>0.97</td>
<td>29.810</td>
<td>.000</td>
</tr>
<tr>
<td>o HS_SPNSH_UNITS</td>
<td>4.43</td>
<td>4.97</td>
<td>25.219</td>
<td>.000</td>
</tr>
<tr>
<td>o HS_FRNCH_UNITS</td>
<td>0.49</td>
<td>0.74</td>
<td>11.743</td>
<td>.001</td>
</tr>
<tr>
<td>o HS_ALGHR_UNITS</td>
<td>4.09</td>
<td>4.13</td>
<td>4.796</td>
<td>.029</td>
</tr>
<tr>
<td>o HS_CHEM_UNITS</td>
<td>2.22</td>
<td>2.31</td>
<td>12.125</td>
<td>.001</td>
</tr>
<tr>
<td>o HS_PHYH_UNITS</td>
<td>1.38</td>
<td>1.49</td>
<td>7.691</td>
<td>.006</td>
</tr>
<tr>
<td>o HS_SCL_SCNCE_UNITS</td>
<td>7.31</td>
<td>7.51</td>
<td>22.892</td>
<td>.000</td>
</tr>
</tbody>
</table>

Elements that **DID NOT seem** to matter (proportions taking the survey were not significantly different):

- Minority or not
- In state residents or not
- Student in the College of Agriculture and Life Sciences
- Student in the College of LAS
- Average high school credits brought to Iowa State for each of the following:
  - HS_BIO_UNITS
  - HS_ENGL_UNITS
  - HS_SCNCE_UNITS
  - HS_ART_UNITS
  - HS_LATIN_UNITS
  - HS_RSSN_UNITS
  - HS_GRMN_UNITS
Fall 2010 MAP-Works Transition Survey Student Profile

Students in these groups were **more likely** to take the MAP-Works Transition Survey than their counterparts:

- Students admitted F10 were more likely to participate (85%) than those admitted Su10 (572%), \(F = 24.975, p < .001\)
- Women (88%) than men (82%), \(F = 26.554, p < .001\)
- LC member (88%) more than non-LC member (76%), \(F = 110.473, p < .001\)
- Non-athletes (69%) than athletes (86%), \(F = 36.153, p = .001\)
- On-campus students (89%) than off-campus students (50%), \(F = 560.680, p < .001\)
- Citizens (87%) were more likely than non-citizens (59%), \(F = 168.791, p < .001\)
- Students not predicted to be at risk (86%) compared to students who were predicted not to succeed (76%), \(F = 35.178, p < .001\)
- Students who took Psych 131 (88%) or not (84%), \(F = 5.106, p = .024\)
- Parents were an alumni (88%) or not (84%), \(F = 8.895, p = .003\)
- In-state resident (88%) or not (84%), \(F = 11.083, p = .001\)
- College of Engineering member (88%) compared with students who were not (83%) \(F = 15.175, p < .001\)
- Not a member of the College of Business (86%) compared with students who were (68%), \(F = 92.173, p < .001\)
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar Data Name</th>
<th>Did not Take TS</th>
<th>Took TS</th>
<th>F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS_SCI_SCNCE_UNITS</td>
<td>7.33</td>
<td>7.53</td>
<td>17.138</td>
<td>.000</td>
</tr>
<tr>
<td>HS_SCNCE_UNITS</td>
<td>1.53</td>
<td>1.69</td>
<td>11.558</td>
<td>.001</td>
</tr>
<tr>
<td>HS_FRNCH_UNITS</td>
<td>.47</td>
<td>.65</td>
<td>4.524</td>
<td>.033</td>
</tr>
<tr>
<td>HS_SPNSH_UNITS</td>
<td>4.06</td>
<td>5.04</td>
<td>57.857</td>
<td>.000</td>
</tr>
<tr>
<td>HS_ALGBR_UNITS</td>
<td>4.10</td>
<td>4.15</td>
<td>4.989</td>
<td>.026</td>
</tr>
<tr>
<td>HS_GEOM_UNITS</td>
<td>2.53</td>
<td>2.70</td>
<td>81.626</td>
<td>.000</td>
</tr>
<tr>
<td>HS_TRIG_UNITS</td>
<td>.87</td>
<td>.98</td>
<td>24.077</td>
<td>.000</td>
</tr>
<tr>
<td>HS_CALC_UNITS</td>
<td>.55</td>
<td>.92</td>
<td>55.176</td>
<td>.000</td>
</tr>
<tr>
<td>HS_CHEM_UNITS</td>
<td>2.23</td>
<td>2.32</td>
<td>5.817</td>
<td>.016</td>
</tr>
<tr>
<td>HS_BIO_UNITS</td>
<td>2.55</td>
<td>2.71</td>
<td>9.179</td>
<td>.002</td>
</tr>
<tr>
<td>HS_ENGL_UNITS</td>
<td>8.33</td>
<td>8.41</td>
<td>16.488</td>
<td>.000</td>
</tr>
</tbody>
</table>

Elements that **did not seem to matter** (proportions taking the survey were not significantly different):

- Non-Greek students (85%) compared with Greek students (85%), \(F = .909, p < .764\)
- Minority (86%) compared with non-minority (85%), \(F = 16.144, p = .616\)
- Students who changed major from one semester to another (87%) or did not (85%), \(F = 1.059, p = .303\)
- Average high school credits brought to Iowa State for each of the following:
  - HS_ART_UNITS
  - HS_GRMN_UNITS
  - HS_RSSN_UNITS
  - HS_LATIN_UNITS
  - HS_PHYS_UNITS
- Student in the College of Agriculture and Life Sciences
- Student in College of Design College
- Student in Human Sciences College
- Student in the LAS College
FALL 2011 MAP-Works TRANSITION SURVEY STUDENT PROFILE

Students in these groups were MORE LIKELY to take the MAP-Works Transition Survey than their counterparts:

- Students admitted F11 were more likely to participate (83%) than those admitted Su10 (70%), $\chi^2 = 24.975, p < .001$
- Women (86%) than men (80%), $\chi^2 = 29.049, p < .001$
- LC member (86%) more than non-LC member (75%), $\chi^2 = 95.078, p < .001$
- Non-athletes (65%) than athletes (83%), $\chi^2 = 30.726, p = .001$
- On-campus students (88%) than off-campus students (43%), $\chi^2 = 699.155, p < .001$
- Citizens (84%) were more likely than non-citizens (57%), $\chi^2 = 115.494, p < .001$
- Students not predicted to be at risk (84%) compared to students who were predicted not to succeed (76%), $\chi^2 = 21.843, p < .001$
- Students who took Psych 131 (89%) or not (82%), $\chi^2 = 17.333, p < .001$
- Parents were an alumni (83%) or not (83%), $\chi^2 = 8.895, p = .003$
- College of Human Sciences students (87.6%) compared with students who were not (82.3%), $\chi^2 = 9.674, p = .002$
- College of Engineering students (85.6%) compared with students who were not (81.6%), $\chi^2 = 12.035, p < .001$
- Not a member of the College of Design (83.3%) compared with students who were (78.2%), $\chi^2 = 6.788, p = .009$
- Not a member of the College of Business (83.9%) compared with students who were a member (71.3%), $\chi^2 = 43.757, p < .001$
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar Data Name</th>
<th>Did not Take TS</th>
<th>Took TS</th>
<th>F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>o HS OTH LANG UNITS</td>
<td>1.40</td>
<td>.67</td>
<td>66.610</td>
<td>.000</td>
</tr>
<tr>
<td>o HS ALGBR UNITS</td>
<td>4.00</td>
<td>4.05</td>
<td>10.916</td>
<td>.001</td>
</tr>
<tr>
<td>o HS GEMO UNITS</td>
<td>2.45</td>
<td>2.57</td>
<td>38.660</td>
<td>.000</td>
</tr>
<tr>
<td>o HS TRIG UNITS</td>
<td>1.01</td>
<td>1.18</td>
<td>34.409</td>
<td>.000</td>
</tr>
<tr>
<td>o HS CALC UNITS</td>
<td>.65</td>
<td>.94</td>
<td>37.728</td>
<td>.000</td>
</tr>
<tr>
<td>o HS CHEM UNITS</td>
<td>2.19</td>
<td>2.30</td>
<td>10.449</td>
<td>.001</td>
</tr>
<tr>
<td>o HS SCL SCNCE UNITS</td>
<td>7.45</td>
<td>7.67</td>
<td>23.068</td>
<td>.000</td>
</tr>
<tr>
<td>o HS SPNSH UNITS</td>
<td>4.34</td>
<td>5.09</td>
<td>41.614</td>
<td>.000</td>
</tr>
<tr>
<td>o HS BIO UNITS</td>
<td>2.58</td>
<td>2.77</td>
<td>15.312</td>
<td>.000</td>
</tr>
<tr>
<td>o HS ENGL UNITS</td>
<td>8.38</td>
<td>8.44</td>
<td>8.119</td>
<td>.004</td>
</tr>
</tbody>
</table>

Elements that DID NOT seem to matter (proportions taking the survey were not significantly different):

- In state resident (88%) or not (84%), $F = 2.23, p = .667$
- Non-Greek students (85%) compared with Greek students (85%), $F = .090, p < .764$
- Minority (86%) compared with non-minority (85%), $F = 16.144, p = .616$
- Students who changed major from one semester to another (87%) or did not (85%), $F = 1.059, p = .303$
- Average high school credits brought to Iowa State for each of the following:
  HS ART UNITS
  HS DRAFT UNITS
  HS SCNCE UNITS
  HS FRNCH UNITS
  HS GRMN UNITS
  HS RSSN UNITS
  HS LATIN UNITS
  HS PHYS UNITS

- Student in the College of Agriculture & Life Sciences
- Student in the College of Liberal Arts & Sciences
FALL 2012 MAP Works TRANSITION SURVEY STUDENT PROFILE

Students in these groups were MORE LIKELY to take the MAP Works Transition Survey than their counterparts:

- Students admitted Fall 2012 were more likely to participate (84.5%) than those admitted in Summer 2012 (70.7%), $\chi^2 = 20.762, p < .001$
- Women (87.4%) than men (81.3%), $\chi^2 = 37.091, p < .001$
- LC member (87.6%) than non-LC member (76%), $\chi^2 = 114.641, p < .001$
- Non-athletes (84.3%) than athletes (77.6%), $\chi^2 = 4.863, p = .027$
- On campus students (88%) than off-campus students (42.6%), $\chi^2 = 651.870, p < .001$
- Citizens (85.2%) than non-citizens (61.2%), $\chi^2 = 102.803, p < .001$
- Students not predicted to be at risk (85.4%) compared to students who were predicted not to succeed (75.6%), $\chi^2 = 44.242, p < .001$
- Non-Greek students (85.5%) than Greek students (75.8%), $F = 45.948, p < .001$
- College of Agriculture & Life Sciences students (87.3%) compared with students who were not (83.6%), $\chi^2 = 6.598, p = .010$
- College of Human Sciences students (80.6%) compared with students who were not (84.5%), $\chi^2 = 6.198, p = .013$
- College of Engineering students (87.2%) compared with students who were not (82.6%), $\chi^2 = 17.746, p < .001$
- Not a member of the College of Business (84.8%) compared with students who were a member (76.8%), $\chi^2 = 21.260, p < .001$
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar Data Name</th>
<th>Did not Take TS</th>
<th>Did not Take TS</th>
<th>F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS OTH LANG UNITS</td>
<td>1.48</td>
<td>.71</td>
<td>71.313</td>
<td>.000</td>
</tr>
<tr>
<td>HS GEOM UNITS</td>
<td>2.46</td>
<td>2.60</td>
<td>62.008</td>
<td>.000</td>
</tr>
<tr>
<td>HS TRIG UNITS</td>
<td>1.06</td>
<td>1.16</td>
<td>14.094</td>
<td>.000</td>
</tr>
<tr>
<td>HS CALC UNITS</td>
<td>.57</td>
<td>.94</td>
<td>65.642</td>
<td>.000</td>
</tr>
<tr>
<td>HS FRNCH UNITS</td>
<td>.52</td>
<td>.68</td>
<td>4.757</td>
<td>.029</td>
</tr>
<tr>
<td>HS SCL SCNCE UNITS</td>
<td>7.47</td>
<td>7.71</td>
<td>29.900</td>
<td>.000</td>
</tr>
<tr>
<td>HS SPNSH UNITS</td>
<td>4.43</td>
<td>5.12</td>
<td>34.487</td>
<td>.000</td>
</tr>
<tr>
<td>HS BIO UNITS</td>
<td>2.51</td>
<td>2.74</td>
<td>24.695</td>
<td>.000</td>
</tr>
<tr>
<td>HS RSSN UNITS</td>
<td>.03</td>
<td>.00</td>
<td>17.214</td>
<td>.000</td>
</tr>
</tbody>
</table>

Elements that DID NOT seem to matter (proportions taking the survey were not significantly different):

- In state resident (83.5%) or not (85%), $\chi^2 = 2.241, p = .137$
- Minority (84.6%) compared with non-minority (84%), $\chi^2 = .142, p = .706$
- Parents were an alumni (84%) or not (84.1%), $\chi^2 = .009, p = .924$
- Students who changed major from one semester to another (84.0%) compared to those that did not (84.9%), $\chi^2 = .367, p = .545$
- Average high school credits brought to Iowa State for each of the following:
  - HS ART UNITS, HS DRAFT UNITS, HS SCNCE UNITS, HS ALGBR UNITS, HS GRMN UNITS,
  - HS LATIN UNITS, HS PHYS UNITS, HS CHEM UNITS, HS ENGL UNITS
- Student in the College of Liberal Arts & Sciences
- Student in the College of Design
Students in these groups were **MORE LIKELY** to take the MAP-Works Transition Survey than their counterparts:

- Students admitted Fall 2013 were more likely to participate (84.8%) than those admitted in Summer 2013 (72.8%), $\chi^2 = 18.349, p < .001$
- Women (88.6%) than men (81.1%), $\chi^2 = 64.295, p < .001$
- LC member (87.2%) than non-LC member (79.5%), $\chi^2 = 62.786, p < .001$
- On campus students (88.2%) than off-campus students (45.5%), $\chi^2 = 760.515, p < .001$
- Citizens (85.6%) than non-citizens (66.7%), $\chi^2 = 93.756, p < .001$
- Students not predicted to be at risk (85.1%) compared to students who were predicted not to succeed (77.5%), $\chi^2 = 21.349, p < .001$
- College of Agriculture & Life Sciences students (87.0%) compared with students who were not (84.1%), $\chi^2 = 4.636, p = .031$
- Not a member at College of Design (84.7%) compared with students who were a member (81.0%), $\chi^2 = 4.042, p = .044$
- College of Engineering students (86.2%) compared with students who were not (83.6%), $\chi^2 = 6.370, p = .012$
- Not a member of the College of Business (85.2%) compared with students who were a member (78.0%), $\chi^2 = 21.356, p < .001$
- Students bringing more high school credits (units) to Iowa State in the following courses:

<table>
<thead>
<tr>
<th>Registrar data name</th>
<th>Did not Take TS</th>
<th>Did not Take TS F value</th>
<th>p</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS OTH LANG UNITS</td>
<td>1.48</td>
<td>.71</td>
<td>71.313</td>
</tr>
<tr>
<td>HS GEOM UNITS</td>
<td>2.46</td>
<td>2.60</td>
<td>62.008</td>
</tr>
<tr>
<td>HS TRIG UNITS</td>
<td>1.06</td>
<td>1.16</td>
<td>14.094</td>
</tr>
<tr>
<td>HS CALC UNITS</td>
<td>.57</td>
<td>.94</td>
<td>65.642</td>
</tr>
<tr>
<td>HS FRNCH UNITS</td>
<td>.55</td>
<td>.75</td>
<td>7.215</td>
</tr>
<tr>
<td>HS SCL SCNCE UNITS</td>
<td>7.47</td>
<td>7.71</td>
<td>29.900</td>
</tr>
<tr>
<td>HS SPNSH UNITS</td>
<td>4.31</td>
<td>5.02</td>
<td>39.439</td>
</tr>
<tr>
<td>HS BIO UNITS</td>
<td>2.51</td>
<td>2.74</td>
<td>24.695</td>
</tr>
</tbody>
</table>

Elements that **DID NOT seem** to matter (proportions taking the survey were not significantly different):

- In state resident (83.5%) or not (85%), $\chi^2 = 2.241, p = .137$
- Minority (84.4%) compared with non-minority (85.8%), $\chi^2 = 1.065, p = .302$
- Non-athletes (84.4%) than athletes (81.8%), $\chi^2 = 1.081, p = .298$
- Greek students (85.1%) than Non-Greek students (84.3%), $F = .399, p = .527$
- Parents were an alumni (84%) or not (84%), $\chi^2 = .009, p = .924$
- Students who changed major from one semester to another (84.0%) compared to those that did not (84.9%), $\chi^2 = .367, p = .545$
- Average high school credits brought to Iowa State for each of the following:
  - HS ART UNITS, HS DRAFT UNITS, HS SCNCE UNITS, HS ALGBR UNITS, HS GRMN UNITS, HS RSSN UNITS, HS LATN UNITS, HS PHYS UNITS, HS CHEM UNITS, HS ENGL UNITS
  - Student in the College of Liberal Arts & Sciences
  - Student in the College of Human Sciences

**Iowa State University**