Fall 2013 Transition Survey
Overview of Risk Ratings
By Jennifer Lowman
Coordinator, Student Persistence Research
Retention Tool

• Combines institutional data & survey data
  – Identify At-Risk
  – Direct students to available services
• First-time, first-year freshmen
  – Initial Transition Survey - mid-Sept
  – Follow-up Survey - late-Nov
  – Spring Check-up Survey - mid-Feb
80% Survey Response Rate Initial Survey

- Participants 2,447
- Increase from last year’s 68% RR
- 99.8% On-Campus participated
- 45% Off-Campus participated
  - 80% chance of participation if connected to program
    - Honors, Trio, BioFit, & Greek (10% coverage)
  - 48% chance of participation if employed on campus (5%)
  - 50% chance by college, except 36% CABNR, Engin., Undeclared

37% Response Follow-up Survey
Overall Risk Rating:
At Risk of Not Returning

- Low: 2,113 (69%)
- Medium: 594 (19%)
- High: 289 (9%)
- Very High: 50 (2%)
Risk by Participation

- Low: 1925 (77%)
- Medium: 376 (15%)
- High: 189 (37%)
- Very High: 18 (4%)
Risk for Non-Participants

• Institutional Predictors of Risk
  (adj. $R^2 = 66\%$)
  – High School GPA: .02 point decrease (3.2 to 3.0), increases Risk .8* pt
  – ACT: 2 point decrease (22 to 20), increases Risk .3 point
  – Fall Credit Load: 3 credit decrease (15 to 12), increases Risk .2 point

<table>
<thead>
<tr>
<th>RISK</th>
<th>ACT</th>
<th>HS GPA</th>
<th>Credit Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>24.42</td>
<td>3.47</td>
<td>14.89</td>
</tr>
<tr>
<td>Medium</td>
<td>21.41</td>
<td>3.17</td>
<td>14.56</td>
</tr>
<tr>
<td>High</td>
<td>21.00</td>
<td>3.11</td>
<td>13.83</td>
</tr>
</tbody>
</table>

*On a seven-point scale, High 6-7, Med 3-5, Low 1-2
Risk for Participants

- Institutional Predictors of Risk (adj. $R^2 = 19\%$)
  - HS GPA: .02 decreases (3.2 to 3.0), increases Risk by .3* points
  - ACT: 2 point decrease (22 to 20), increase Risk by .1 points
  - Fall Credit Load
  - NEW: On-Campus Status, decreases Risk by .4 points

- Survey Responses as Predictors of Risk
  - Commitment to Return*
  - First Choice, Reason for Attending, Commit. Degree (adj. $R^2 = 23\%$)
  - Self-Assessment Factors (adj. $R^2 = 30\%$)

*On a seven-point scale, High 6-7, Med 3-5, Low 1-2
Outreach
Outreach to High Risk

• 339 Contacts with High Risk students (97% HR)
  – By at least* 15 Faculty/Staff
    • 9 RLHFS, 3 Assoc. Dean’s Office, 2 Acad. Advisors
    – 60% Personal Issues
• 103 Interactions (84 students, 24%)
  – 82 On-campus High Risk students (94)
  – 2 Off-campus High Risk students (292)
  – 38% Personal, 37% Academic
• 54 Notes (42 students, 12%)
  – 30% Academic

*Contacts & interactions recorded in the MAP-Works system only
Outreach to Med & Low Risk

• 503 Medium Risk (85%) were contacted
  – 52 (9%) Students interacting with 15 Faculty/Staff
  – 65 Public Notes

• 1,584 Low Risk (75%)
  – 94 (5%) Students interacting with 12 Faculty/Staff
  – 121 Public Notes

• Personal Issues

*Contacts & interactions recorded in the MAP-Works system only
Outreach to Academic Advisors

Top Issues Across Colleges

1. Homesickness (separation) – 45%
2. Test Anxiety – 40%
3. Plan to study 5 hours or less/wk – 35%
4. Missed 2+ classes by Oct 9 – 30%
5. Not confident about finances – 25%
6. Struggling in 2+ classes – 20%
Mid-Semester Departure

• 32 students left by Nov. 15
  – 6 High Risk, all off-campus, 3 MW Participants
  – 5 Medium Risk, 3 off/2 on, 2 partic.
  – 21 Low Risk, 18 on-campus, 20 Participants
    • 15 Highly Committed to a Degree at Nevada
    • 11 Nevada was their first choice
  – 6 CA, 6 International, 15 NV
Survey Response
Risk for Participants

• Survey Responses that Predict Risk
  – Commitment to Return*
  – First Choice
  – Commitment to complete a degree
  – Reason for attending
  – Self-Assessment Factors
    • Satisfaction with Nevada
    • Social Integration or Peer Connections
What predicts Commitment to Return?
Commitment to Return
Spring & Fall

<table>
<thead>
<tr>
<th></th>
<th>Spring</th>
<th>Fall</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>2312</td>
<td>2070</td>
</tr>
<tr>
<td>Medium</td>
<td>98</td>
<td>254</td>
</tr>
<tr>
<td>Low</td>
<td>22</td>
<td>49</td>
</tr>
</tbody>
</table>

*From a seven-point scale, High 6-7, Med 3-5, Low 1-2
First Choice

- First: 1566 (70%)
- Second: 486 (22%)
- Third: 176 (8%)
- Fourth: 11 (<1%)
<table>
<thead>
<tr>
<th>Reason</th>
<th>First Choice</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td>On-Campus</td>
<td>Off-Campus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1253 (65%)</td>
<td>313 (77%)</td>
</tr>
<tr>
<td>Program</td>
<td>70%*</td>
<td>55%</td>
<td></td>
</tr>
<tr>
<td>Reputation</td>
<td>51%*</td>
<td>41%</td>
<td></td>
</tr>
<tr>
<td>Millenium Schol.</td>
<td>43%</td>
<td>73%</td>
<td></td>
</tr>
<tr>
<td>Near Home</td>
<td>44%</td>
<td>71%*</td>
<td></td>
</tr>
<tr>
<td>Financial Aid</td>
<td>39%</td>
<td>45%</td>
<td></td>
</tr>
<tr>
<td>With Friends</td>
<td>28%</td>
<td>37%*</td>
<td></td>
</tr>
<tr>
<td>Far Home</td>
<td>28%</td>
<td>8%</td>
<td></td>
</tr>
<tr>
<td>Parent Alum</td>
<td>7%</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Athletic Schol.</td>
<td>6%</td>
<td>6%</td>
<td></td>
</tr>
</tbody>
</table>

* Indicates significantly predicts commitment to return
## Why Nevada, if not First Choice?

<table>
<thead>
<tr>
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<th>X</th>
<th>On-Campus n = 672</th>
<th>Off-Campus n = 101</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program</td>
<td></td>
<td>63%*</td>
<td>50%</td>
</tr>
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<td>Reputation</td>
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<td>34%</td>
<td>22%</td>
</tr>
<tr>
<td>Millenium Schol.</td>
<td></td>
<td>42%</td>
<td>67%*</td>
</tr>
<tr>
<td>Near Home</td>
<td></td>
<td>40%</td>
<td>48%</td>
</tr>
<tr>
<td>Financial Aid</td>
<td></td>
<td>47%</td>
<td>48%</td>
</tr>
<tr>
<td>With Friends</td>
<td></td>
<td>25%</td>
<td>27%</td>
</tr>
<tr>
<td>Far Home</td>
<td></td>
<td>22%</td>
<td>12%</td>
</tr>
<tr>
<td>Alum</td>
<td></td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>Athletic Schol.</td>
<td></td>
<td>5%</td>
<td>4%</td>
</tr>
</tbody>
</table>

* Indicates significantly predicts commitment to return
Committed to Completing a Degree

*From a seven-point scale, High 6-7, Med 3-5, Low 1-2*
1. To what degree would you choose Nevada again?
2. To what degree would you recommend Nevada?
3. Overall, rate your experience?

![Graph showing satisfaction levels for different commitment levels]

- **High Commitment**: Spring (5.6), Fall (6.0)
- **Medium Commitment**: Spring (4.1), Fall (4.5)
- **Low Commitment**: Spring (3.2), Fall (3.3)
Social Integration

1. To what degree do you belong here?
2. To what degree are you fitting in?
3. To what degree are you satisfied with your social life on campus?

![Bar chart showing social integration scores for different levels of commitment.

- High Commitment: Spring (5.6), Fall (5.7)
- Medium Commitment: Spring (4.1), Fall (4.5)
- Low Commitment: Spring (3.2), Fall (3.3)]
Commitment to Return

• Predicting Commitment to Return \((\text{adj. } R^2 = 37\%)\)
  
  – Commitment to Complete a Degree
    
    +1 point increase in commitment to complete a degree, increases commitment to return by .4 point
  
  – Satisfaction with Nevada
    
    +1 point increase in satisfaction, increases commitment by .3 point
  
  – Social Integration (or Peer Connections)
    
    +1 point increase in soc.integ., increases commitment by .1 point

*other significant effects are negligible in comparison, including first choice, reason, HS GPA, test scores, on-campus status...

*On a seven-point scale, High 6-7, Med 3-5, Low 1-2
Recommendations

• **Increase Commitment to Complete a Degree**
  – Biggest Bang for your effort!

• Increase Satisfaction

• Increase Social Integration & Peer Connections
Get to know your students!

MAP-Works can help
@ www.unr.edu/ateam

A-Team

Select “Assessment with MAP-Works”