Who are Las Positas College students?
- Trends in headcount
- Trends in race-ethnicity
- Trends in Median Age
- Gender
- Educational goals

How academically prepared are new first-time college students at Las Positas College?
- Math assessment recommendations of new first-time college students

How well are Las Positas College students doing?
- Successful completion of transfer-level math based on starting math course
- Success rates in transfer-level math based on starting math course

Presentation by Rajinder Samra, Director of Institutional Research and Planning
October 11, 2012
Las Positas College
Headcount of Students
Fall 2006 to Spring 2012

Who are LPC students?

<table>
<thead>
<tr>
<th></th>
<th>Fall 06</th>
<th>Spring 07</th>
<th>Fall 07</th>
<th>Spring 08</th>
<th>Fall 08</th>
<th>Spring 09</th>
<th>Fall 09</th>
<th>Spring 10</th>
<th>Fall 10</th>
<th>Spring 11</th>
<th>Fall 11</th>
<th>Spring 12</th>
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<tbody>
<tr>
<td>Count</td>
<td>8,257</td>
<td>8,321</td>
<td>8,704</td>
<td>8,741</td>
<td>9,418</td>
<td>9,615</td>
<td>10,062</td>
<td>10,045</td>
<td>9,449</td>
<td>9,042</td>
<td>8,870</td>
<td>8,760</td>
</tr>
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</table>
Who are LPC students?

Las Positas College
Race-Ethnicity of Students
Fall 2000 vs. Fall 2011

Fall 2011 data are preliminary.
Who are LPC students?

Las Positas College
Median Age of Students
Fall 2000 to Fall 2011

Median Age of Students

<table>
<thead>
<tr>
<th>Year</th>
<th>Median Age</th>
</tr>
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<tbody>
<tr>
<td>F00</td>
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<tr>
<td>F01</td>
<td>24</td>
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<tr>
<td>F02</td>
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<td>F10</td>
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<tr>
<td>F11</td>
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</tr>
</tbody>
</table>

Median Age of Students

Las Positas College
Median Age of Students
Fall 2000 to Fall 2011

<table>
<thead>
<tr>
<th>Year</th>
<th>Median Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>F00</td>
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<td>F10</td>
<td>21</td>
</tr>
<tr>
<td>F11</td>
<td>21</td>
</tr>
</tbody>
</table>
Who are LPC students?

Las Positas College
Gender of Students
Spring 2010

Female: 55%
Male: 45%

N = 5,393 (Female)
N = 4,451 (Male)

Note: Unknown gender is excluded from the data.
Las Positas College
Gender of Students by Age Group
Spring 2010

Who are LPC students?

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 or younger</td>
<td>1,318</td>
<td>1,249</td>
</tr>
<tr>
<td>20-21</td>
<td>970</td>
<td>921</td>
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<tr>
<td>22-24</td>
<td>729</td>
<td>660</td>
</tr>
<tr>
<td>25-29</td>
<td>472</td>
<td>579</td>
</tr>
<tr>
<td>30-39</td>
<td>443</td>
<td>644</td>
</tr>
<tr>
<td>40-49</td>
<td>278</td>
<td>631</td>
</tr>
<tr>
<td>50 or older</td>
<td>241</td>
<td>709</td>
</tr>
</tbody>
</table>
Las Positas College
Educational Goals of All Students
Fall 2011

- Transfer (with/without AA/AS) 62%
- AA/AS only (not transfer) 7%
- Occupational Certificate or job training 12%
- Undecided 13%
- Personal Development (intellectual/cultural, basic skills, GED) 5%
- Unknown 1%

Note: Data are preliminary.
Las Positas College
Educational Goals of Students by Age Group
Fall 2011

Who are LPC students?

Data are preliminary.
How academically prepared are new first-time college students for math at Las Positas College?
Las Positas College
Math Assessment Recommendations of New First-Time College Students
Fall 2012 (Preliminary)

(N = 1,283)

- Transfer-Level Math: 26%
- 1 Level Below (Intermediate Alg: Math 55): 28%
- 2 Level Below (Elementary Alg: Math 65): 30%
- 3 Level Below (Pre-Algebra: Math 107): 16%
What are the transfer-level math successful completion rates of new first-time college students based on their starting math course?
Pathways to Transfer-Level Math

Transfer-Level Math

1 level below transfer
Math 55: Intermediate Algebra

2 levels below transfer
Math 65: Elementary Algebra

3 levels below transfer
Math 107: Pre-Algebra

Math 55B or 55Y
Math 55A or 55X
Math 65B or 65Y
Math 65A or 65X
Math 107Y
Math 107X
Las Positas College
Successful completion of transfer-level Math within 3 years
Based on starting course of students who want to transfer
Data combined for cohorts who started in Falls 05, 06, 07, and 08

- 733 successfully completed transfer-level Math (78%)
  - Started in Math 55/55A/55X (1 level below) (Start: 937 students)
  - Started in Math 65/65A/65X (2 levels below) (Start: 984 students)
  - Started in Math 107/107X (3 levels below) (Start: 260 students)

- 390 successfully completed transfer-level Math (40%)
  - Started in Math 55/55A/55X (1 level below) (Start: 984 students)

- 196 successfully completed transfer-level Math (20%)
  - Started in Math 65/65A/65X (2 levels below) (Start: 957 students)

- 17 successfully completed transfer-level Math (7%)
  - Started in Math 107/107X (3 levels below) (Start: 260 students)
Of the students who reached transfer-level math, what were their success rates based on their starting math course?
Las Positas College
Success Rates in transfer-level Math

Based on starting course of students who want to transfer
Data combined for cohorts who started in Falls 05, 06, 07, and 08

- 78% success rate for students who started in Transfer-level Math (Start: 937 students)
- 76% success rate for students who started in Math 55/55A/55X (1 level below) (Start: 984 students)
- 78% success rate for students who started in Math 65/65A/65X (2 levels below) (Start: 957 students)
- 63% success rate for students who started in Math 107/107X (3 levels below) (Start: 260 students)