New Data
California Foster Youth: On the Path to Irresistible Information
September 2010

With funding from The Stuart Foundation, the California Partnership for Achieving Student Success (Cal-PASS) partnered with researchers at University of California, Berkeley to link data from the California Child Welfare Services/Case Management System (CWS/CMS) with education data. The successful pilot project, entitled Investigating California Foster Youth High School & College Education Outcomes, included four California counties.

Chart 1 illustrates the number of school-aged foster youth identified in the Cal-PASS education data at each segment. While the majority of linked records (43% of the original sample) fell in the K-12 category, foster youth also matched community college and university records. The overall match provides important data to investigate additional key questions and guide statewide educational advocacy efforts.

**Chart 1: Data Link Results between CWS/CMS and Cal-PASS Data Systems**

This pilot demonstrated the simple but powerful acknowledgement that a data link on this scale is not only possible, it is replicable. In the coming year, the successful pilot will be expanded statewide.

The project team will release a report on the full findings of the pilot later this winter. Preliminary findings in this summary include 8th to 11th grade California Standardized Tests (CST) scores and select college outcomes.

**Foster Youth 8th to 11th Grade Data**

No Child Left Behind (NCLB) requires tracking standardized test performance for various subgroups of school children identified as “at risk” for poor academic performance (NCLB, 2001). These groups include low socio-economic status (SES), non-White, English language learners, children with disabilities, and neglected or delinquent children. While prior research indicates that the overall academic performance for foster youth is poor, characteristics of foster youth and groups identified as at risk for poor academic performance often overlap. It was necessary to study foster youth outcomes compared to students who share these “at risk” characteristics to more accurately understand how foster care is related to educational outcomes.

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1 Due to districts/institutions that agreed to participate in the project, match rates between child welfare and education data vary by county.
2 Burley & Halpern, 2001; Conger & Rebeck, 2001; Smithgall, Gladden, Howard, George, & Courtney, 2004
Foster youth were matched to students in the general population on key risk factors for poor academic performance. The results indicate that foster youth are less likely than their closely matched peers and the general student population to achieve proficiency in English and math at all grade levels (Charts 2 and 3).

**Chart 2: English CST Percent Proficient 2004-2009**

- Grade 8 CST ELA (1575 matched pairs): Foster Youth 0%, Comparison Group 22%, General Population 29%, Proficient 2004-2009 22%
- Grade 9 CST ELA (1639 matched pairs): Foster Youth 0%, Comparison Group 29%, General Population 38%, Proficient 2004-2009 29%
- Grade 10 CST ELA (1281 matched pairs): Foster Youth 0%, Comparison Group 23%, General Population 30%, Proficient 2004-2009 38%
- Grade 11 CST ELA (981 matched pairs): Foster Youth 0%, Comparison Group 21%, General Population 28%, Proficient 2004-2009 41%

**Chart 3: Math CST Percent Proficient 2004-2009**

- Grade 8 CST MATH (1547 matched pairs): Foster Youth 0%, Comparison Group 19%, General Population 22%, Proficient 2004-2009 19%
- Grade 9 CST MATH (1594 matched pairs): Foster Youth 0%, Comparison Group 12%, General Population 14%, Proficient 2004-2009 27%
- Grade 10 CST MATH (1082 matched pairs): Foster Youth 0%, Comparison Group 8%, General Population 10%, Proficient 2004-2009 21%
- Grade 11 CST MATH (740 matched pairs): Foster Youth 0%, Comparison Group 6%, General Population 14%, Proficient 2004-2009 18%

**Foster Youth College Data**

Investigation of the post-secondary outcomes for foster youth in the four pilot California counties indicates that these students enroll in the lowest level remedial community college courses more often and have lower persistence and degree attainment rates than similar at-risk students (Chart 4).

**Chart 4: Community College Outcomes**

- Persistence to One Year After First Term (5359 matched pairs): Foster Youth 24.9%, Comparison Group 34.8%, General Population 45%
- AA Degree (5359 matched pairs): Foster Youth 2.4%, Comparison Group 8.5%, General Population 14%
- Basic Skills Math Enrolled (1244 matched pairs): Foster Youth 34.1%, Comparison Group 29.6%, General Population 45%
- Basic Skills English Enrolled (1286 matched pairs): Foster Youth 30.6%, Comparison Group 29.2%, General Population 45%

In addition to the Investigating California Foster Youth High School & College Education Outcomes project, Cal-PASS is leading an effort to improve data access within the College Pathways Initiative.

College Pathways is a campus support program that provides former foster youth with year-round housing, financial aid, counseling and academic tutoring on 53 college campuses in California. For more information visit www.cacollegepathways.org.

Cal-PASS and the California State University Chancellor’s Office collected graduation and persistence data for 14 of the participating community college and university campuses funded by the Stuart and Walter S Johnson Foundations (Table 1). These data suggest that a majority of foster youth on these campuses who receive targeted services in college are persisting in their education.

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4 The General Population calculations are from the California Department of Education, http://star.cde.ca.gov. The percentages represent the average proficiency rate (advanced or proficient) by grade level across five years.

5 Proficiency in English and math is measured by the percentage of students who scored advanced or proficient on the California Standardized Tests (CST) from 2004 to 2009.

6 Graduation rate is the percentage of students who received an Associate degree, Bachelor degree, or certification.

7 Persistence rate is the percentage of students who graduated or were still enrolled in school at the end of the school year.
Table 1: College Pathways Program Outcomes

<table>
<thead>
<tr>
<th>Campus</th>
<th>Year Program Began</th>
<th>Total Served</th>
<th>Graduation Rate</th>
<th>Persistence Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>University 1</td>
<td>1998</td>
<td>142</td>
<td>49%</td>
<td>68%</td>
</tr>
<tr>
<td>University 2</td>
<td>1999</td>
<td>111</td>
<td>51%</td>
<td>80%</td>
</tr>
<tr>
<td>University 3</td>
<td>2002</td>
<td>97</td>
<td>18%</td>
<td>57%</td>
</tr>
<tr>
<td>University 4</td>
<td>2005</td>
<td>54</td>
<td>17%</td>
<td>80%</td>
</tr>
<tr>
<td>University 5</td>
<td>2005</td>
<td>82</td>
<td>18%</td>
<td>65%</td>
</tr>
<tr>
<td>University 6</td>
<td>2006</td>
<td>67</td>
<td>15%</td>
<td>66%</td>
</tr>
<tr>
<td>University 7</td>
<td>2006</td>
<td>83</td>
<td>10%</td>
<td>87%</td>
</tr>
<tr>
<td>University 8</td>
<td>2007</td>
<td>49</td>
<td>16%</td>
<td>94%</td>
</tr>
<tr>
<td>University 9</td>
<td>2008</td>
<td>39</td>
<td>21%</td>
<td>82%</td>
</tr>
<tr>
<td>University 10</td>
<td>2008</td>
<td>40</td>
<td>15%</td>
<td>100%</td>
</tr>
<tr>
<td>Community College 1</td>
<td>2002</td>
<td>78</td>
<td>14%</td>
<td>50%</td>
</tr>
<tr>
<td>Community College 2</td>
<td>2008</td>
<td>335</td>
<td>10%</td>
<td>64%</td>
</tr>
<tr>
<td>Community College 3</td>
<td>2008</td>
<td>77</td>
<td>1%</td>
<td>61%</td>
</tr>
<tr>
<td>Community College 4</td>
<td>2009</td>
<td>54</td>
<td>4%</td>
<td>93%</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>1,308</td>
<td>19%</td>
<td>71%</td>
</tr>
</tbody>
</table>

To understand the College Pathways participants' persistence in context of other college students, the foster youth persistence rate is compared to an estimate of the national persistence rate of 56%\(^8\) (Chart 5). Former foster youth who participate in these College Pathways are persisting at a higher rate in college than non foster youth students nationwide. In the coming year, this project also will be replicated statewide, providing persistence and college success data for foster youth across a majority of the state’s universities and community colleges.

Chart 5: College Pathways Participants Persistence Rate

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\(^8\) The Beginning Postsecondary Students (BPS) Longitudinal Survey (Berkner, He, & Cataldi, 2002). study conducted by the National Center on Education Statistics followed a representative sample of first-time undergraduates from the time they entered college in the fall of 1995 though the spring of 2001.
References