Latino Youth and the Pathway to College

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This Study

- Sponsored by the Pew Hispanic Center
- Used NELS:88/00 Database
- Publication date: May 2004
- Powerpoint available on EPI website
Exhibit X. Family Income of 1988 NELS 8th grader cohort

- **Asian Americans**: 28.7% less than $25,000, 44.1% $25,000 - $74,999, 27.2% $75,000 or more
- **African Americans**: 52.6% less than $25,000, 40.1% $25,000 - $74,999, 7.3% $75,000 or more
- **Latinos**: 53.7% less than $25,000, 38.8% $25,000 - $74,999, 7.5% $75,000 or more
- **Whites**: 23% less than $25,000, 58.3% $25,000 - $74,999, 18.3% $75,000 or more
- **All**: 29.3% less than $25,000, 54% $25,000 - $74,999, 16.7% $75,000 or more
Exhibit X. Highest parental education of 1988 8th graders cohort

- No HS diploma or GED
- HS diploma or equivalent
- Some college
- Bachelor’s degree
- Graduate studies

Asian Americans:
- No HS diploma or GED: 7.1%
- HS diploma or equivalent: 12.7%
- Some college: 31.9%
- Bachelor’s degree: 24.5%
- Graduate studies: 23.8%

African Americans:
- No HS diploma or GED: 13.9%
- HS diploma or equivalent: 20.2%
- Some college: 50.8%
- Bachelor’s degree: 8.6%
- Graduate studies: 6.4%

Latinos:
- No HS diploma or GED: 33.1%
- HS diploma or equivalent: 17.4%
- Some college: 35.3%
- Bachelor’s degree: 7.8%
- Graduate studies: 6.3%

Whites:
- No HS diploma or GED: 5.8%
- HS diploma or equivalent: 19.4%
- Some college: 41.1%
- Bachelor’s degree: 17.7%
- Graduate studies: 16.0%

All:
- No HS diploma or GED: 9.4%
- HS diploma or equivalent: 19%
- Some college: 41.3%
- Bachelor’s degree: 16%
- Graduate studies: 14.2%
Exhibit X. Highest degree planned by students in the 1988 NELS 8th grader cohort in 8th grade

- Less than college
- Some college
- Bachelor’s
- Advanced degree

<table>
<thead>
<tr>
<th>Race</th>
<th>Less than college</th>
<th>Some college</th>
<th>Bachelor’s</th>
<th>Advanced degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian Americans</td>
<td>11.5%</td>
<td>15.7%</td>
<td>38.8%</td>
<td>34%</td>
</tr>
<tr>
<td>African Americans</td>
<td>17.1%</td>
<td>18.6%</td>
<td>41%</td>
<td>23.2%</td>
</tr>
<tr>
<td>Latinos</td>
<td>26.9%</td>
<td>18%</td>
<td>35.4%</td>
<td>19.8%</td>
</tr>
<tr>
<td>Whites</td>
<td>20.2%</td>
<td>11.6%</td>
<td>45.3%</td>
<td>23%</td>
</tr>
<tr>
<td>All</td>
<td>20.2%</td>
<td>13.2%</td>
<td>43.5%</td>
<td>23.1%</td>
</tr>
</tbody>
</table>
Exhibit X. Distribution of 1988 NELS 8th grader cohort by level of academic preparedness

- Asian Americans
  - Not qualified: 31.9%
  - Minimally qualified: 12.3%
  - Qualified: 55.8%

- African Americans
  - Not qualified: 63.3%
  - Minimally qualified: 14.6%
  - Qualified: 22.1%

- Latinos
  - Not qualified: 58.6%
  - Minimally qualified: 16.1%
  - Qualified: 25.3%

- Whites
  - Not qualified: 40.5%
  - Minimally qualified: 13.6%
  - Qualified: 46%

- All
  - Not qualified: 44.3%
  - Minimally qualified: 13.9%
  - Qualified: 41.8%
Exhibit X. Highest level of mathematics completed during high school by 1988 NELS 8th grader cohort

- Less than Algebra I: 10.3%
- Algebra I: 19.9%
- Geometry: 13.9%
- Algebra II: 22.2%
- Trigonometry: 10.5%
- Pre-calculus: 10.0%
- Calculus: 9.2%

Percent

- Latinos
- All
Exhibit X. Percent of 1988 NELS 8th grader cohort that received a high school diploma or GED

- **Asian Americans**: 1.3% HS Diploma or GED, 96.5% GED or other high school equivalency
- **African Americans**: 14.0% HS Diploma or GED, 90.6% GED or other high school equivalency
- **Latinos**: 9.8% HS Diploma or GED, 86.4% GED or other high school equivalency
- **Whites**: 6.8% HS Diploma or GED, 93.2% GED or other high school equivalency
- **All**: 7.9% HS Diploma or GED, 92.3% GED or other high school equivalency
Exhibit X. Type of first postsecondary institution attended by 1988 NELS 8th grade cohort

- No attendance
- Less than a 2-year institution
- 2-year
- 4-year

<table>
<thead>
<tr>
<th>Type of Institution</th>
<th>Asian Americans</th>
<th>African Americans</th>
<th>Latinos</th>
<th>Whites</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>No attendance</td>
<td>10.0</td>
<td>36.8</td>
<td>34.4</td>
<td>25.5</td>
<td>27.4</td>
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<tr>
<td>Less than a 2-year institution</td>
<td>2.5</td>
<td>7.9</td>
<td>3.4</td>
<td>2.2</td>
<td>3.1</td>
</tr>
<tr>
<td>2-year</td>
<td>35.9</td>
<td>29.4</td>
<td>40.0</td>
<td>31.5</td>
<td>32.3</td>
</tr>
<tr>
<td>4-year</td>
<td>51.6</td>
<td>25.8</td>
<td>22.1</td>
<td>40.8</td>
<td>37.3</td>
</tr>
</tbody>
</table>
Exhibit X. Type of first postsecondary institution attended by 1988 NELS 8th grade cohort

- **Asian Americans**
  - Less than a 2-year institution: 2.8%
  - 2-year: 39.9%
  - 4-year: 57.3%

- **African Americans**
  - Less than a 2-year institution: 12.5%
  - 2-year: 46.6%
  - 4-year: 40.9%

- **Latinos**
  - Less than a 2-year institution: 5.2%
  - 2-year: 61.1%
  - 4-year: 33.7%

- **Whites**
  - Less than a 2-year institution: 3.0%
  - 2-year: 42.3%
  - 4-year: 54.8%

- **All**
  - Less than a 2-year institution: 4.3%
  - 2-year: 44.4%
  - 4-year: 51.3%
Exhibit X. Type of postsecondary institution attended by 1988 NELS 8th grade cohort

- **Asian Americans**: 23.9% (Private, non-for-profit) / 75.1% (Public)
- **African Americans**: 15.7% (Private, non-for-profit) / 80.5% (Public)
- **Latinos**: 13.7% (Private, non-for-profit) / 83.2% (Public)
- **Whites**: 19.7% (Private, non-for-profit) / 77.4% (Public)
- **All**: 19.0% (Private, non-for-profit) / 78.2% (Public)
Exhibit X. Selectivity of postsecondary institution attended by 1988 NELS 8th grade cohort

- **Asian Americans**: 11.7% (Highly selective) + 18.4% (Selective)
- **African Americans**: 2.5% (Highly selective) + 6.7% (Selective)
- **Latinos**: 1.6% (Highly selective) + 6.1% (Selective)
- **Whites**: 2.8% (Highly selective) + 12.2% (Selective)
- **All**: 3.0% (Highly selective) + 11.3% (Selective)
Exhibit X. Average tuition fees for 1st postsecondary institution attended by 1988 NELS 8th grader cohort

- Asian Americans: $6,883
- African Americans: $4,204
- Latinos: $3,978
- Whites: $5,980
- All: $5,646

Dollars: $0, $2,000, $4,000, $6,000, $8,000
Exhibit X. Number of months between high school graduation and entry into postsecondary for 1988 NELS 8th grade cohort

- **Asian Americans**
  - 8-20 months: 8.7%
  - More than 20 months: 5.1%

- **African Americans**
  - 8-20 months: 14.2%
  - More than 20 months: 15.0%

- **Latinos**
  - 8-20 months: 10.3%
  - More than 20 months: 13.0%

- **Whites**
  - 8-20 months: 8.4%
  - More than 20 months: 9.4%

- **All**
  - 8-20 months: 9.2%
  - More than 20 months: 10.1%
Exhibit X. Percent of postsecondary students from the 1988 NELS 8th grader cohort who attended PSE on a part-time basis

- Asian Americans: 38.5%
- African Americans: 37.0%
- Latinos: 51.8%
- Whites: 37.1%
- All: 38.6%
Exhibit X. Percent of postsecondary students from the 1988 NELS 8th grader cohort who maintained continuous enrollment while in PSE

- Asian Americans: 64.4%
- African Americans: 49.8%
- Latinos: 43.0%
- Whites: 67.0%
- All: 62.9%
Exhibit X. Highest postsecondary degree attained by 2000 (eight years after scheduled high school graduation) by 1988 NELS 8th grade cohort that went on to postsecondary education

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>None</th>
<th>Certificate or Associate's degree</th>
<th>Bachelor's or higher</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian/Pacific Islander</td>
<td>39.4</td>
<td>10.0</td>
<td>50.7</td>
</tr>
<tr>
<td>Black</td>
<td>57.8</td>
<td>12.7</td>
<td>29.5</td>
</tr>
<tr>
<td>Latino</td>
<td>64.0</td>
<td>12.8</td>
<td>23.2</td>
</tr>
<tr>
<td>White</td>
<td>39.9</td>
<td>12.7</td>
<td>47.3</td>
</tr>
<tr>
<td>Total</td>
<td>44.0</td>
<td>12.6</td>
<td>43.4</td>
</tr>
</tbody>
</table>

Percent distribution of postsecondary degrees.
Exhibit X. Time to Degree of 1988 NELS 8th grader cohort

- **Asian Americans**
  - Within 4 years: 44.8%
  - Up to 5 years: 25.5%
  - More than 5 years: 29.7%

- **African Americans**
  - Within 4 years: 24.3%
  - Up to 5 years: 41.0%
  - More than 5 years: 34.7%

- **Latinos**
  - Within 4 years: 23%
  - Up to 5 years: 34.5%
  - More than 5 years: 42.4%

- **Whites**
  - Within 4 years: 43.9%
  - Up to 5 years: 33.6%
  - More than 5 years: 22.5%

- **All**
  - Within 4 years: 41.6%
  - Up to 5 years: 33.7%
  - More than 5 years: 24.7%
Exhibit X. At-risk factors for Latino students versus all students of the 1988 NELS 8th grade cohort

- Having siblings who dropout from HS: 63.3% (Latinos), 53.2% (All)
- Having a C or less GPA: 39.9% (Latinos), 35.7% (All)
- Changed HS more than twice: 36.5% (Latinos), 31.2% (All)
- Family income less than $15,000: 34.5% (Latinos), 18.3% (All)
- Parents with no High school degree: 29.5% (Latinos), 9.3% (All)
- Held back in school: 29.5% (Latinos), 19.9% (All)
- Raised by single parent: 26.9% (Latinos), 17.9% (All)
- Being home alone for more than 3hrs: 18.4% (Latinos), 15.1% (All)
- Having children during HS years: 11.0% (Latinos), 5.4% (All)
- Limited English proficiency: 10.1% (Latinos), 2% (All)
Exhibit X. Number of risk factors for 1988 NELS 8th grade cohort

- **Asian Americans**
  - None: 16.8%
  - One: 28.1%
  - Two: 28.6%
  - Three or more: 26.5%

- **African Americans**
  - None: 3.8%
  - One: 23.5%
  - Two: 19.6%
  - Three or more: 53.2%

- **Latinos**
  - None: 5.4%
  - One: 16.8%
  - Two: 28.5%
  - Three or more: 49.2%

- **Whites**
  - None: 19.3%
  - One: 32.8%
  - Two: 22.5%
  - Three or more: 25.4%

- **All**
  - None: 15.7%
  - One: 29.7%
  - Two: 23%
  - Three or more: 31.6%
Improving educational policy and practice through research

First PSE attended

<table>
<thead>
<tr>
<th>College Qualifications</th>
<th>Not Qualified 557 (55.7)</th>
<th>Not Qualified 390 (39.0)</th>
<th>Minimally Qualified 166 (16.6)</th>
<th>Minimally Qualified 136 (13.6)</th>
<th>Qualified 277 (27.7)</th>
<th>Qualified 474 (47.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year</td>
<td>52 (9.3)</td>
<td>50 (12.8)</td>
<td>50 (30.1)</td>
<td>50 (30.1)</td>
<td>172 (62.1)</td>
<td>346 (73.0)</td>
</tr>
<tr>
<td>2-Year</td>
<td>245 (44.0)</td>
<td>143 (36.7)</td>
<td>99 (59.6)</td>
<td>65 (47.8)</td>
<td>90 (32.5)</td>
<td>110 (23.2)</td>
</tr>
<tr>
<td>Other</td>
<td>20 (3.6)</td>
<td>14 (3.6)</td>
<td>2 (1.2)</td>
<td>2 (1.5)</td>
<td>6 (2.2)</td>
<td>1 (0.2)</td>
</tr>
<tr>
<td>NONE</td>
<td>240 (43.1)</td>
<td>183 (46.9)</td>
<td>15 (9.0)</td>
<td>21 (15.4)</td>
<td>9 (3.2)</td>
<td>17 (3.6)</td>
</tr>
</tbody>
</table>

Probability of Securing 4-Year Degree

<table>
<thead>
<tr>
<th>College Qualifications</th>
<th>Not Qualified 557 (55.7)</th>
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<th>Minimally Qualified 166 (16.6)</th>
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<th>Qualified 277 (27.7)</th>
<th>Qualified 474 (47.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Year</td>
<td>9.5</td>
<td>32.3</td>
<td>52.0</td>
<td>55.5</td>
<td>56.8</td>
<td>79.4</td>
</tr>
<tr>
<td>2-Year</td>
<td>4.7</td>
<td>9.5</td>
<td>15.8</td>
<td>6.7</td>
<td>31.4</td>
<td>31.4</td>
</tr>
</tbody>
</table>

NOTE: Numbers in parentheses indicate percentage of larger or parent group.
Conclusion

Latino students were more likely to:

– have been held back in school
– have changed HS more than twice
– earn a C or less in high school
– take lower forms of mathematics in high school
– leave high school before graduation
– earn a GED
Conclusion

Latino students were more likely to:
– be from a low-income family
– have a sibling who dropped out of school
– be limited in their English proficiency
– have a parent who did not graduate from high school
– have children during high school
– have a parent without any postsecondary experience
## Conclusion

<table>
<thead>
<tr>
<th>Less likely to:</th>
<th>More likely to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• aspire to postsecondary education and to a Bachelor’s or advanced degree</td>
<td>• enroll in a two-year rather than a four-year institution</td>
</tr>
<tr>
<td>• enroll in postsecondary education</td>
<td>• delay entry into postsecondary education and delay for longer periods</td>
</tr>
<tr>
<td>• be academically qualified for postsecondary education</td>
<td>• attend part-time</td>
</tr>
<tr>
<td>• enroll at a selective postsecondary institution</td>
<td>• attend more than one postsecondary institution</td>
</tr>
<tr>
<td>• maintain continuous enrolment through to degree</td>
<td>• enroll at a publicly-funded postsecondary institution</td>
</tr>
<tr>
<td>• complete a postsecondary degree</td>
<td>• attend lower-cost institutions</td>
</tr>
<tr>
<td>• earn a degree within four years</td>
<td></td>
</tr>
</tbody>
</table>
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