2008

Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2008 Survey Data

Kevin Hollenbeck
*W.E. Upjohn Institute, hollenbeck@upjohn.org*

Jason Preuss
*W.E. Upjohn Institute*

Citation
https://research.upjohn.org/reports/48

This title is brought to you by the Upjohn Institute. For more information, please contact ir@upjohn.org.
Assessment of Kalamazoo County’s Education for Employment (EFE) Programs Using 2008 Survey Data

Kevin M. Hollenbeck, Senior Economist
Jason Preuss, Research Analyst

September 25, 2008

W.E. Upjohn Institute for Employment Research
300 S. Westnedge Ave.
Kalamazoo, MI  49007-4686

Comments or questions are welcome. The author can be reached at (269) 385-0431 (phone); (269) 343-3308 (fax); or hollenbeck@upjohninstitute.org
Introduction

- 13th year of surveys
- Follow-up of completers (state mandated) (not included in this presentation)
- Current students (n = 1,783)
Methodology and Response (Current Students)

- Current students
  - In class (internet, hard copy)
  - Sample = approx. 3,000 (?)
  - Completions = 1,783 (59%)
    - 1,293 on-line; 490 hard copy
Because the response was about 60%, there is statistical uncertainty in the analyses. We make the assumption that our statistics are unbiased.

In general, we present results for
- Total population
- Subgroups:
  - M/F; W/NW; Work-based/not
Current Students Characteristics

54.3% male
21.9% NW (12.0% Black)
18.4% in 9th/10th grade

GPA = 3.08
2.8 hours/week homework
1.95 extracurriculars/year

4.3 tardies
2.3 unexcused absences
Figure 1
Gender Composition of Student Enrollment

Percent Males

Year


W.E. Upjohn Institute for Employment Research
Figure 2
Racial Composition of Student Enrollment
Figure 3
Enrollment of Students in Grades 9 and 10

Year

Percentage, Grades 9 & 10

W.E. Upjohn Institute for Employment Research
Figure 4
Average GPA's, By Race and Sex

Year

Average GPA
2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3

Males
Females
Whites
Nonwhites
All Students

W.E. Upjohn Institute for Employment Research
Figure 5
Average Number of Incidents of Tardiness and Unexcused Absences


Average Tardiness and Unexcused Absences:
- Tardiness
- Unexcused Absences

W.E. Upjohn Institute for Employment Research
Current Students: Customer Satisfaction

Course quality grade high
  – Grade 3.28

But, some differences by subgroup
Figure 6
Student "Grades" for Course Quality, By Race and Sex

Year
Average
2.9 3.0 3.1 3.2 3.3 3.4
Males
Females
Whites
Nonwhites
All Students

W.E. Upjohn Institute for Employment Research
Figure 7
Indicators of Satisfaction with Aspects of EFE Classes:
Percentage Agreement or Disagreement with Descriptive Items
Current Students: Work-based Learning

Work-based programs:

-- 18.0 percent

-- long-term trend ↓ in participation (?); however fairly steady over past 5 years

-- long-term trend ↓ in paid while participating
Figure 8
Participation in Work-Based Programs

Percentage Participants

Year

Figure 9
Participation in Work-Based Program Experiences, by Race and Sex

Year

Percentage Participating

Males
Females
Whites
Nonwhites
All Students

W.E. Upjohn Institute for Employment Research
Figure 10
Percentage of Students in Work-Based Programs Receiving Pay, By Race

[Graph showing the percentage of students receiving pay by race from 1996 to 2008, with lines for Whites, Nonwhites, and All students.]

W.E. Upjohn Institute for Employment Research
Current Students: Work-based Learning Experiences

<table>
<thead>
<tr>
<th>Work-based programs:</th>
<th>W</th>
<th>NW</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>-- Related to course work</td>
<td>67.9</td>
<td>70.7</td>
<td>68.4</td>
</tr>
<tr>
<td>-- Mentors are supportive</td>
<td>88.2</td>
<td>81.0</td>
<td>86.8</td>
</tr>
</tbody>
</table>
Figure 11
Percentage of Participation in Work-Based Programs who Report Experience Related to EFE, By Race and Sex

Year

Percentage
45 50 55 60 65 70 75 80

Males
Females
Whites
Nonwhites
All Students

W.E. Upjohn Institute for Employment Research
Current Students: Postsecondary Plans

Planned attendance:
  -- very high (90.7 percent)
  -- especially females (over 94 percent)
## Postsecondary Plans

<table>
<thead>
<tr>
<th>Plan/Relevance</th>
<th>Sex</th>
<th>Race</th>
<th>Work-based program</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M</td>
<td>F</td>
<td>W</td>
<td>NW</td>
</tr>
<tr>
<td>Postsecondary college, university (including community college) (n = 1,743)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes, right away</td>
<td>81</td>
<td>91</td>
<td>85</td>
<td>87</td>
</tr>
<tr>
<td>Yes, after work</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Don’t know</td>
<td>7</td>
<td>3</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>No</td>
<td>6</td>
<td>2</td>
<td>4</td>
<td>5</td>
</tr>
</tbody>
</table>

*Note:* Table entries are sample percentages of the overall sample, except for item nonresponse.
Figure 12
Planned Postsecondary Attendance Rate, By Sex

Percentage Planning to Attend

Year


Males
Females
All Students
Current Students: Occupational Aspirations

White collar approximately 60 percent
Female → professional/technical
Figure 13
Occupational Aspirations, By Race & Sex

"White Collar"

"Blue Collar"

Year
Percentage
0 10 20 30 40 50 60 70 80
Males
Females
All students

W.E. Upjohn Institute for Employment Research
Current Students: Part-time jobs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Employment</td>
<td>42.5%</td>
</tr>
<tr>
<td>Hours</td>
<td>15.0</td>
</tr>
<tr>
<td>Wage</td>
<td>$8.04</td>
</tr>
<tr>
<td>Training-relatedness</td>
<td>36.9%</td>
</tr>
</tbody>
</table>
Figure 14
Part-Time Employment Rates, By Race & Sex

Percentage with Part-Time Employment

Year

Males
Females
Whites
Nonwhites
All Students

W.E. Upjohn Institute for Employment Research
Conclusions and Findings

1. EFE continues to provide quality programs to students in county
   - Few changes from previous years’ data
   - High satisfaction ratings
Conclusions and Findings (Continued)

2. High rates of postsecondary aspirations
   - 85% right after high school
   - 5% later
Conclusions and Findings (Continued)

3. GPAs of males and nonwhite students rising
4. Enrollment of males ↓ reversing a steady trend that had been increasing.
5. Minority enrollment held steady; over long-term, looks like a 4 percentage point increase, which is 20–25%.
6. Participation in work-based programs continues to be relatively low (about 18%), although it did increase this year slightly.

Females > males ??
7. Occupational aspirations skewed toward white collar, especially females.
Conclusions and Findings (Continued)

8. Considerable amount of data that can/should be further analyzed with aim of program improvement

For example, council could have a Data Committee look at issues like:

- Why is work-based participation so low?
- Why do minorities tend to rate course quality lower than other students?
- Can the percentage of students who report that their EFE class is “one of their best classes” be increased?
- Are there additional questions to be put on survey(s)?