

2-22-2007

Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2006 Survey Data

Kevin M. Hollenbeck

W.E. Upjohn Institute for Employment Research, hollenbeck@upjohn.org

Jason M. Preuss

W.E. Upjohn Institute for Employment Research

Citation

Hollenbeck, Kevin M. and Jason Preuss. 2007. "Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2006 Survey Data." Prepared for the Education for Employment (EFE) Council.

<https://research.upjohn.org/reports/50>

This title is brought to you by the Upjohn Institute. For more information, please contact repository@upjohn.org.

Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2006 Survey Data

February 22, 2007

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

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 (telephone); (269) 343-3308 (fax); or
hollenbeck@upjohninstitute.org



Introduction

- 11th year of surveys
- Follow-up of completers (state mandated) (n = 574)
- Current students (n = 1,910)

Follow-Up Survey Analysis

- Postsecondary attendance rate:

	<u>2004</u>	<u>2005</u>	<u>2006</u>
None	22%	17%	20%
2-year	37%	40%	37%
4-year	41%	43%	43%
Total of 2/4 year	78%	83%	80%

Follow-Up Survey Analysis

- Employment rate:

<u>2004</u>	<u>2005</u>	<u>2006</u>
66%	63%	51%

- Unemployment rate

<u>2004</u>	<u>2005</u>	<u>2006</u>
21%	15%	na

Follow-Up Survey Analysis

■ Training-relatedness: (no proxies)

	<u>2004</u>	<u>2005</u>	<u>2006</u>
Education	66%	80%	79%
Employment	74%	71%	57%

■ Wages and Hours:

	<u>2004</u>	<u>2005</u>	<u>2006</u>
Wage	\$8.19	\$7.99	\$8.10
Hours	28.2	27.7	28.2

Methodology and Response

- Current students
 - In class (internet, hard copy)
 - Sample = approx. 3,000
 - Completions = 1,910 (64%)
 - 924 on-line; 986 hard copy



Analyses

- Total population
- Subgroups:
M/F; W/NW; Work-based/not



Current Students Characteristics

57% male

20% NW (9.6% Black)

16.7% in 9th/10th grade

GPA = 3.08

2.4 hours/week homework

2.1 extracurriculars/year

5.1 tardies

4.7 unexcused absences

Figure 1
Gender Composition of Student Enrollment

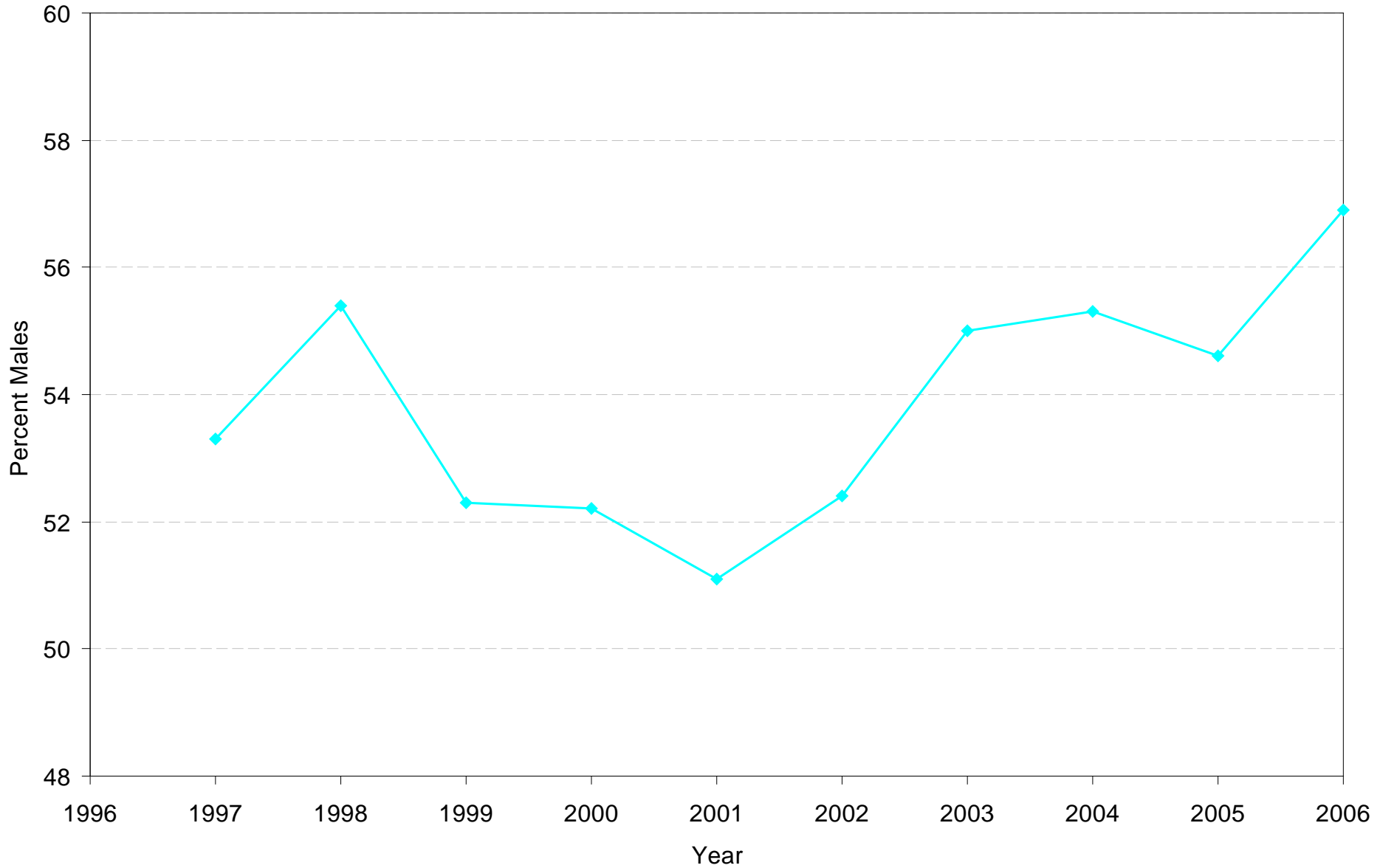


Figure 2
Racial Composition of Student Enrollment

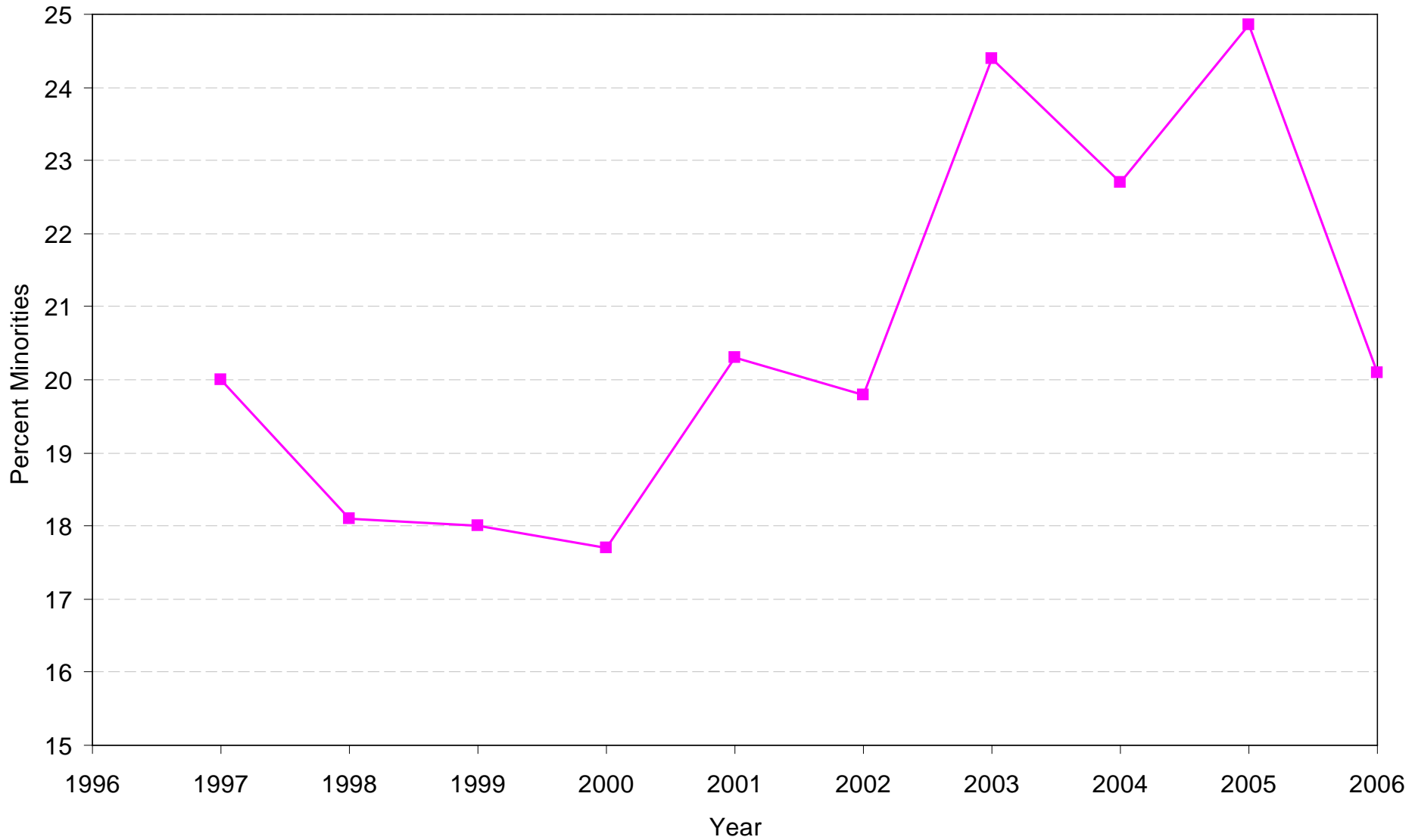


Figure 3
Enrollment of Students in Grades 9 and 10

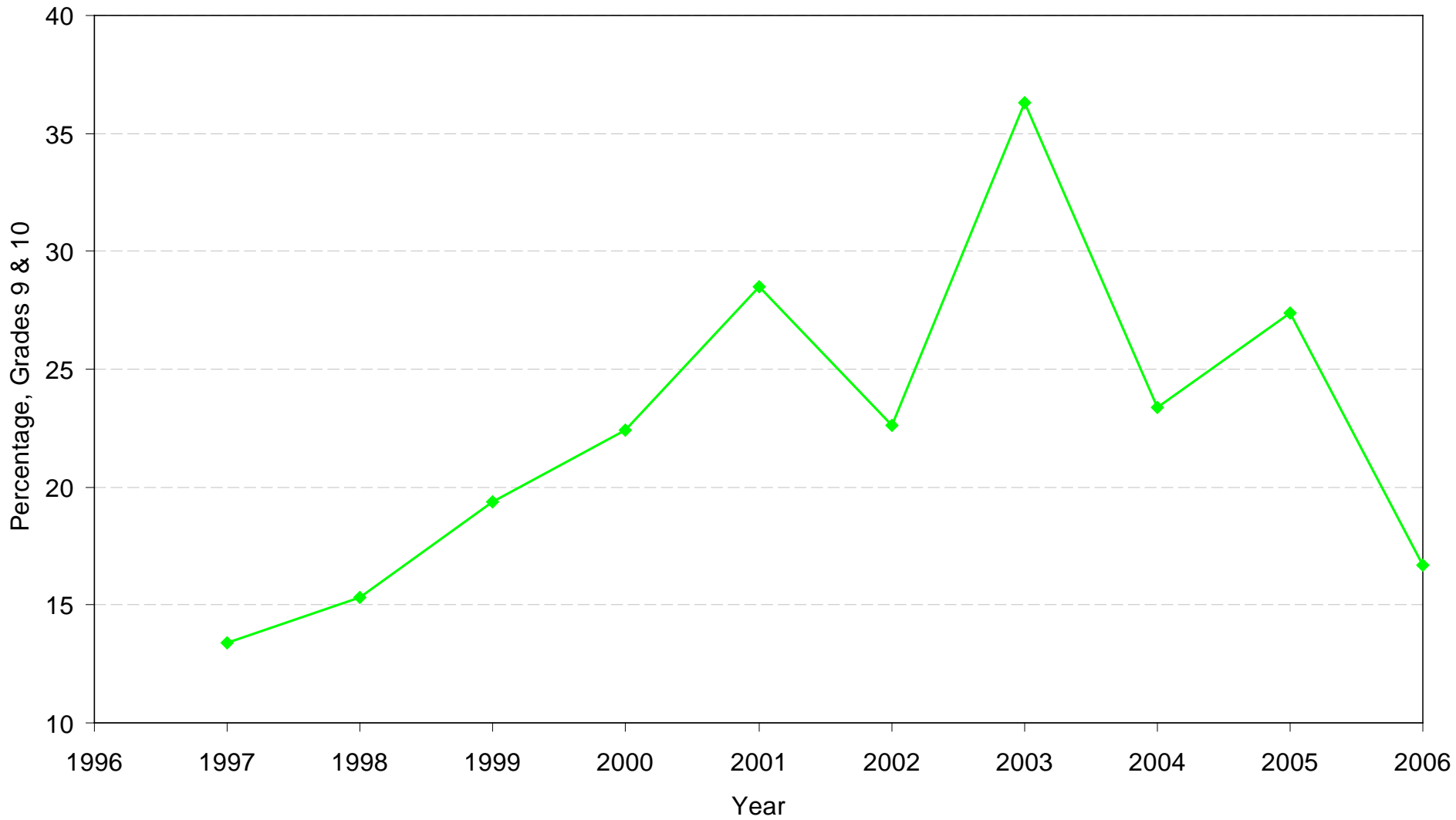


Figure 4
Average GPA's, By Race and Sex

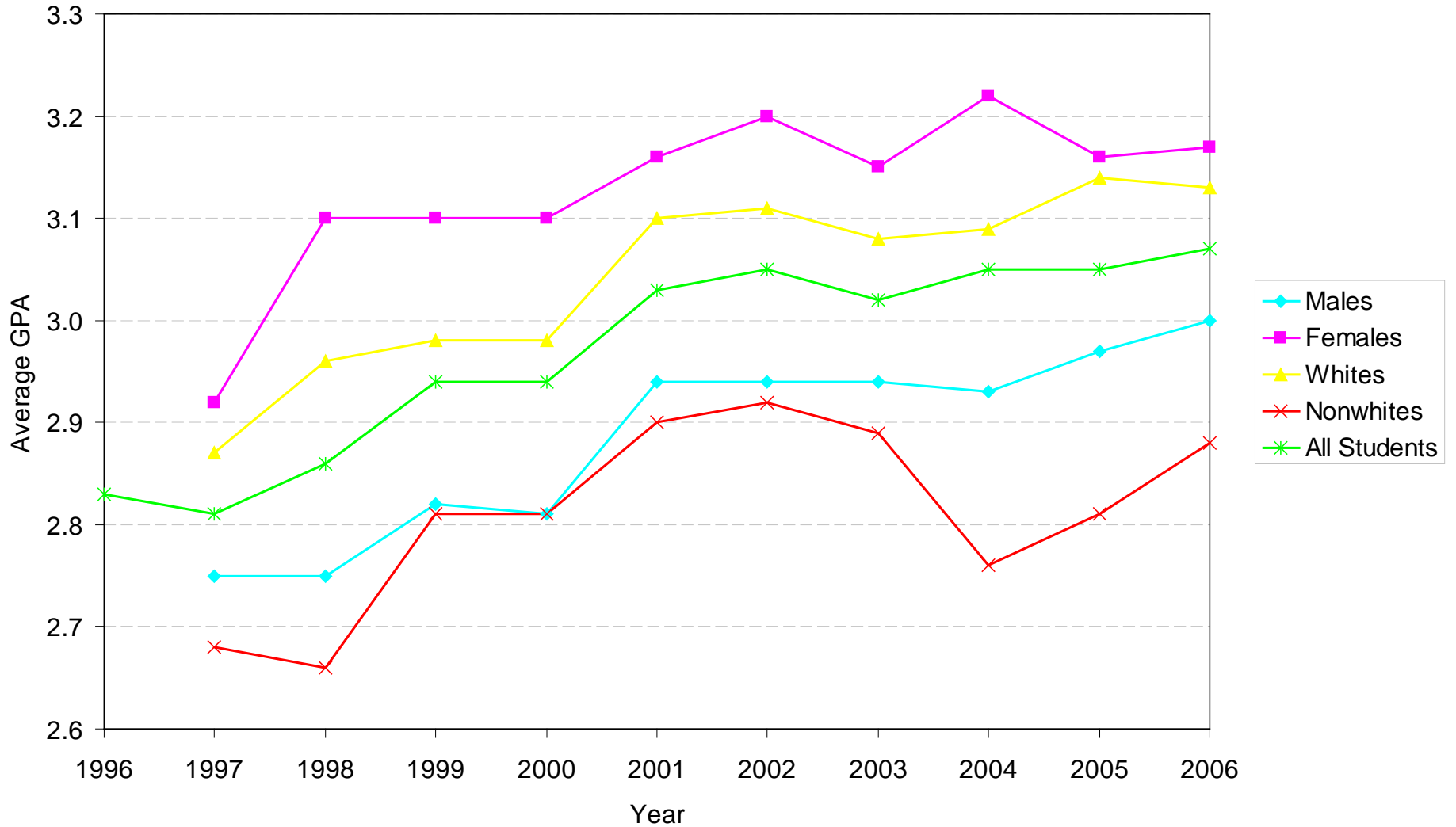
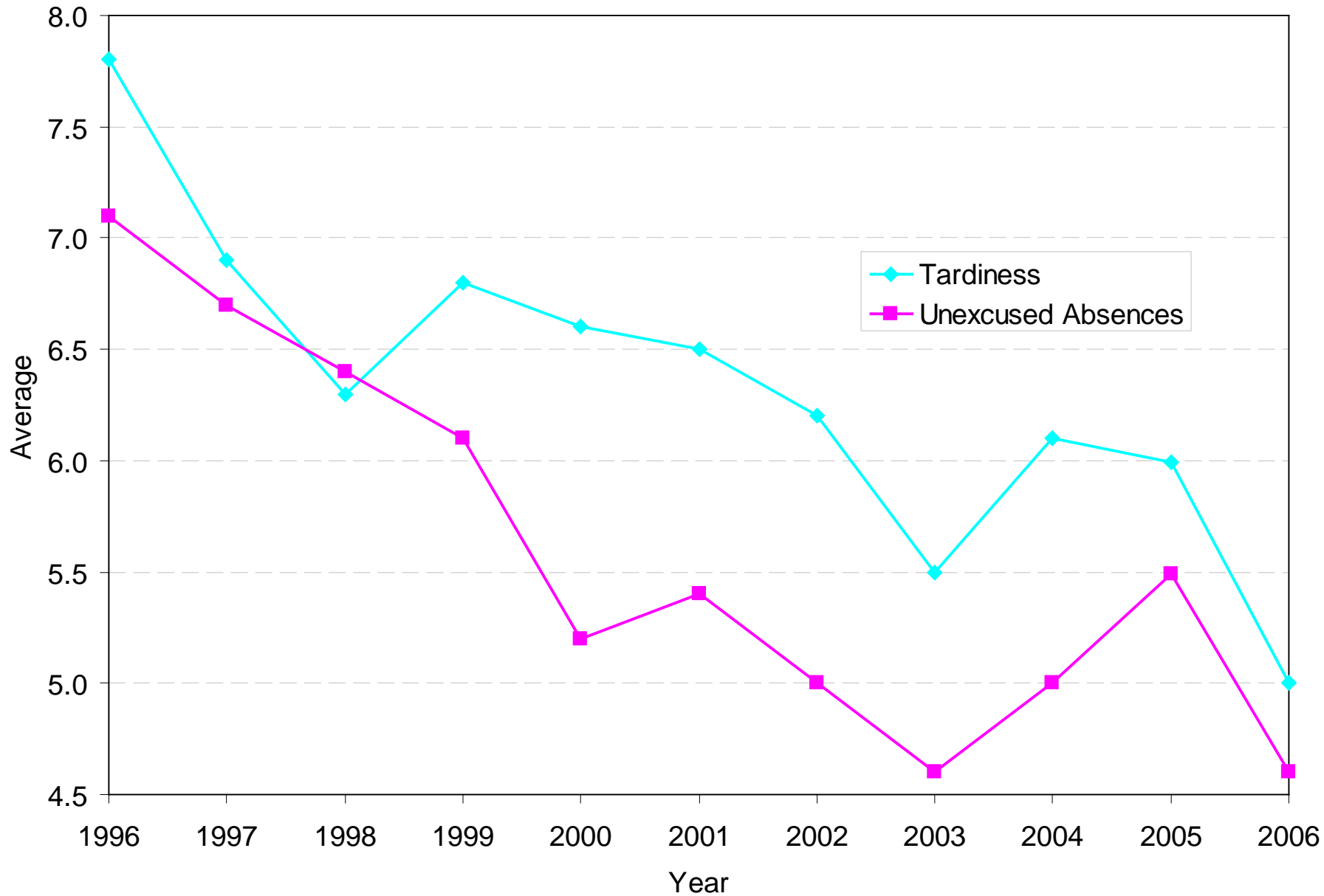


Figure 5
Average Number of Incidents of Tardiness and Unexcused Absences





Current Students: Customer Satisfaction

Course quality grade high

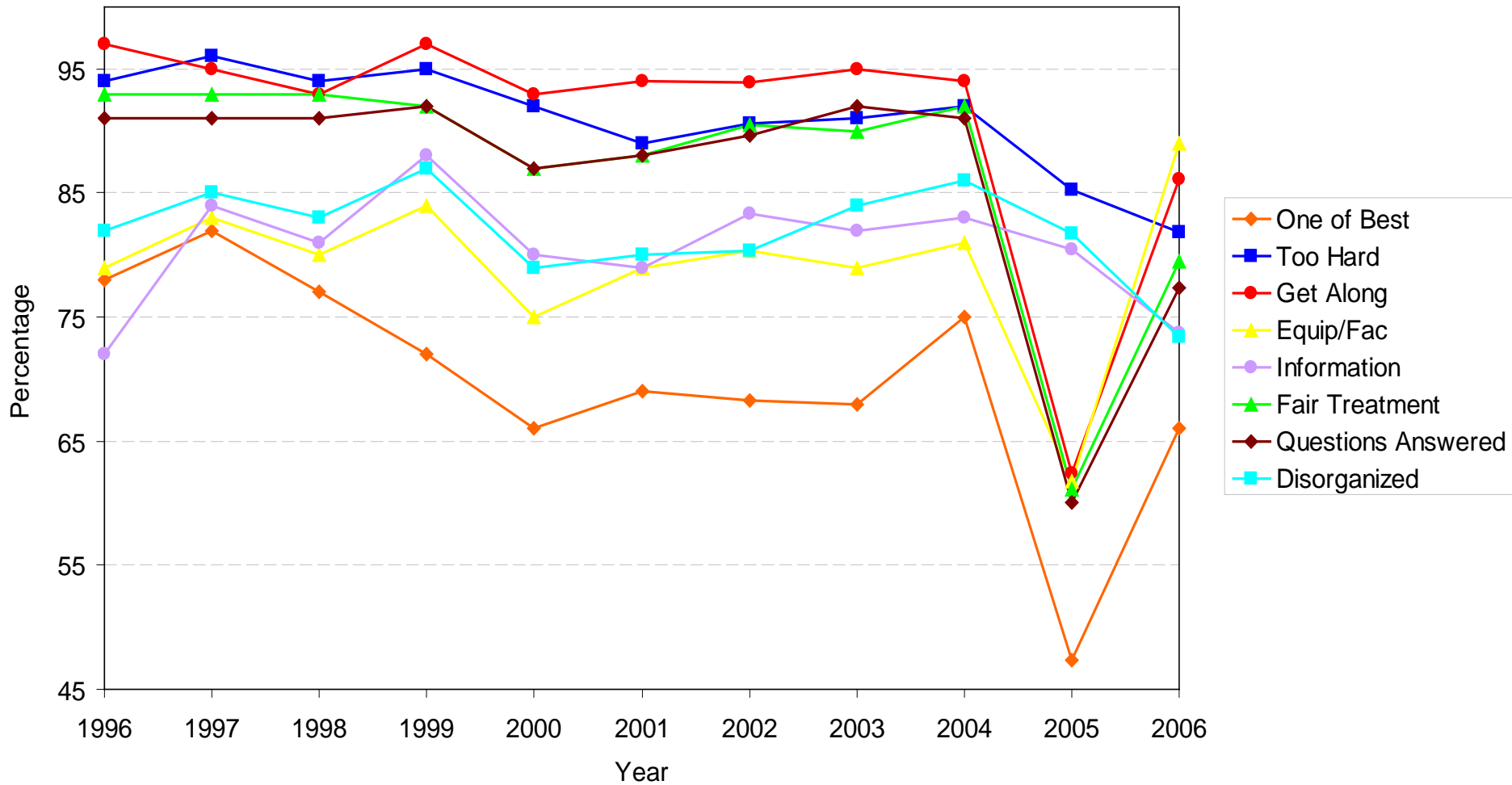
- Grade 3.29

But, some differences by subgroup

Figure 6
Student "Grades" for Course Quality, By Race and Sex



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:

- 19 percent
- long-term trend ↓ in participation (?)
- long-term trend ↓ in paid while participating

Figure 8
Participation in Work-Based Programs

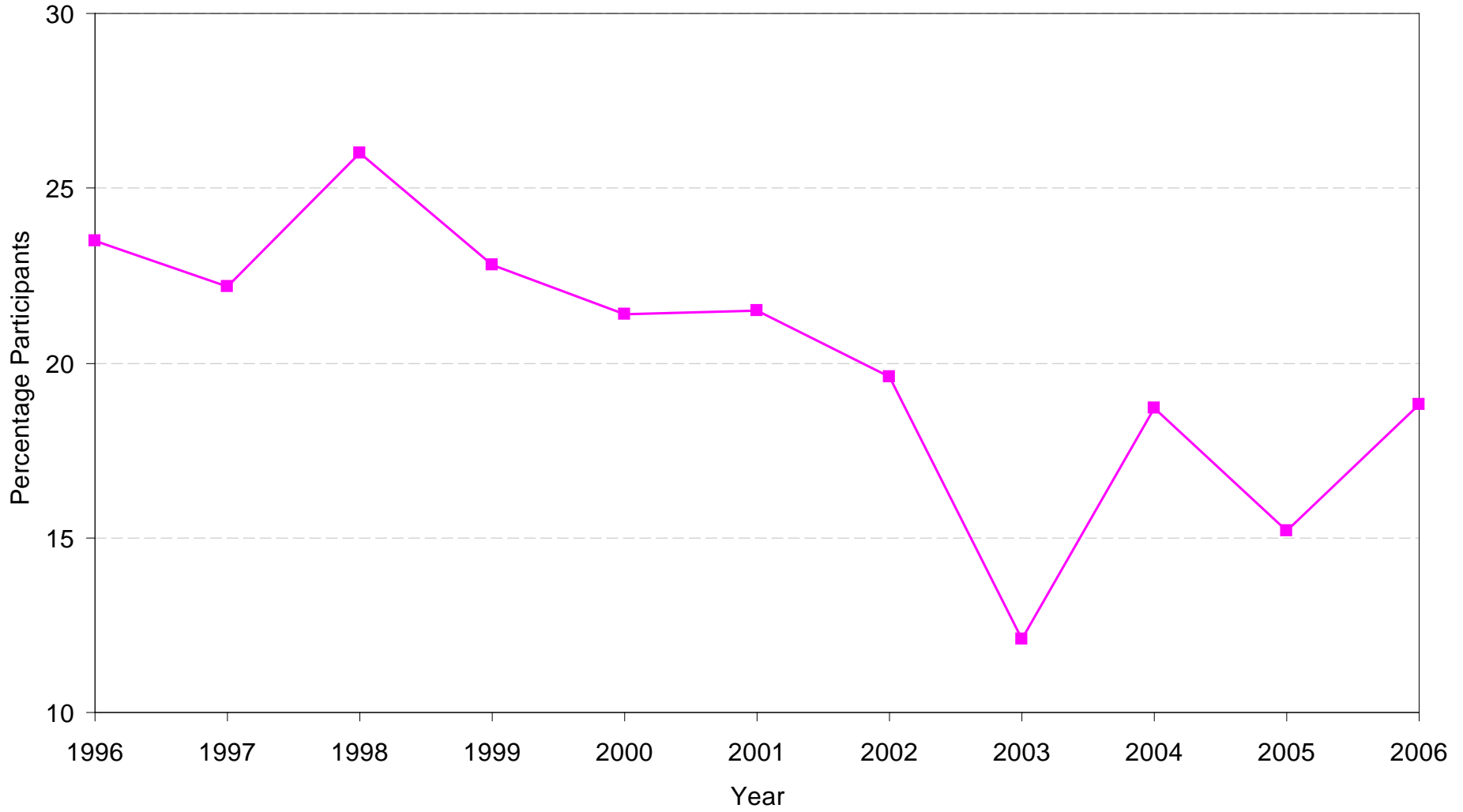


Figure 9
Participation in Work-Based Program Experiences, by Race and Sex

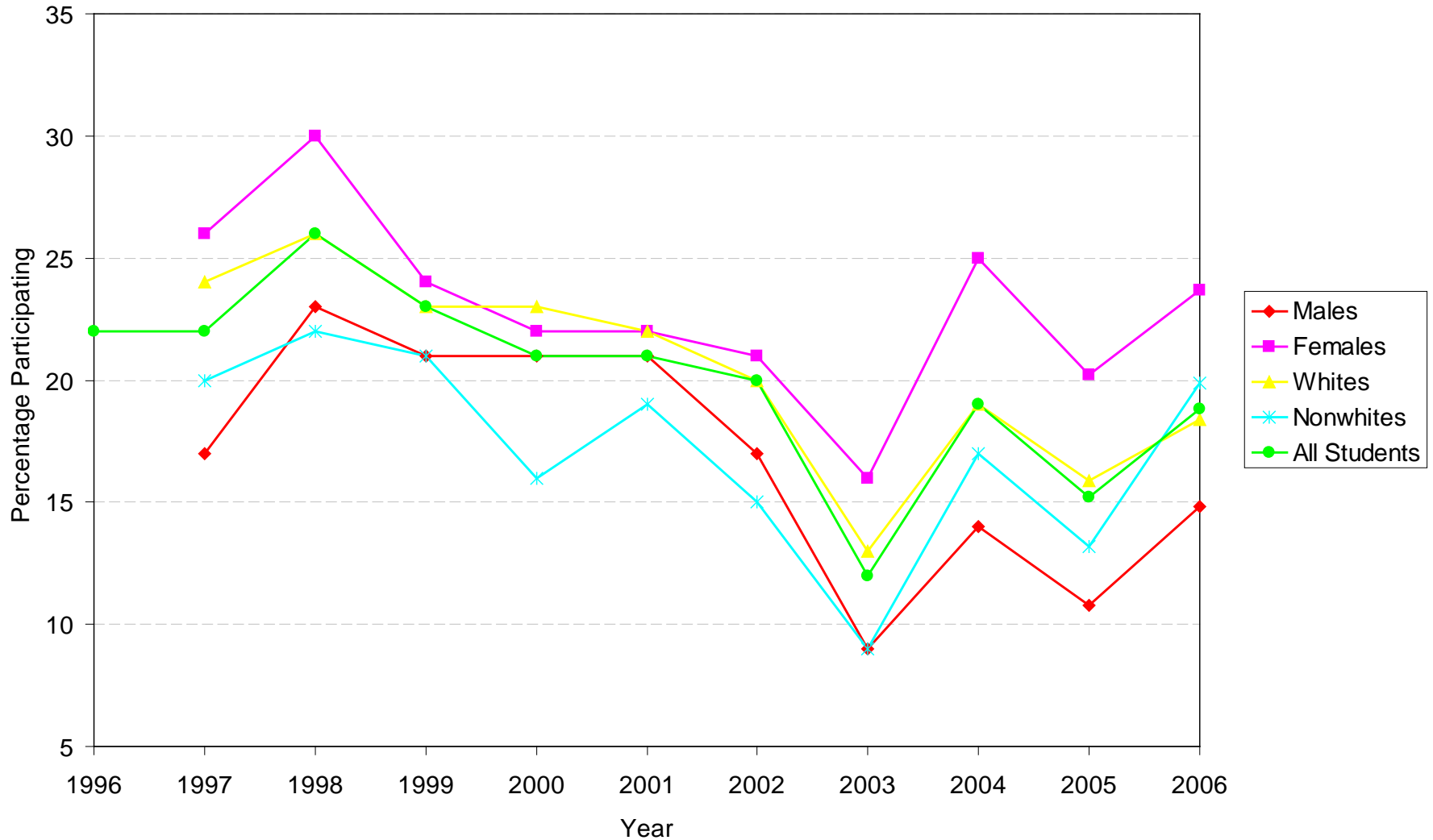


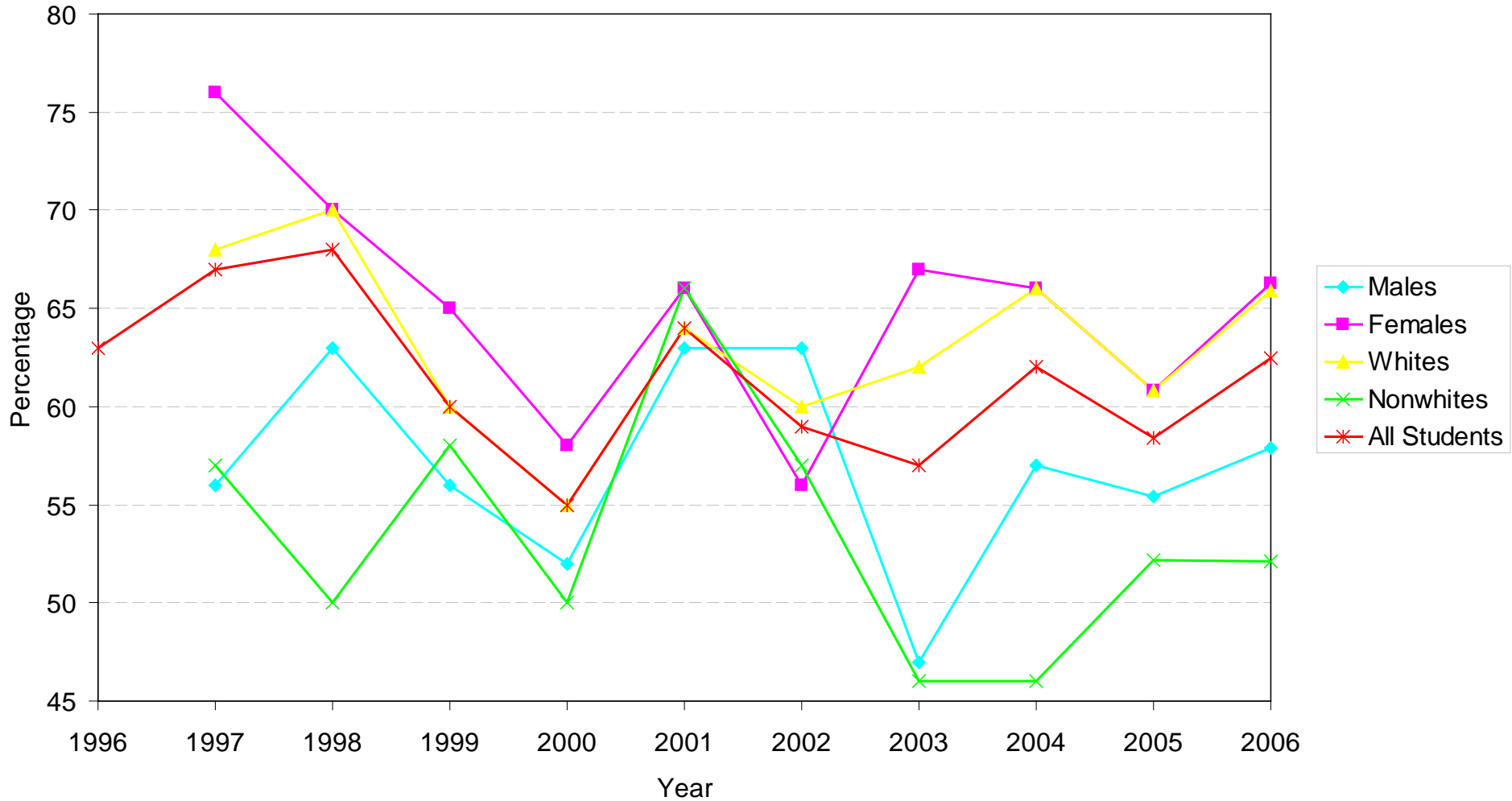
Figure 10
Percentage of Students in Work-Based Programs Receiving Pay, By Race



Current Students: Work-based Learning Experiences

Work-based programs:	<u>W</u>	<u>NW</u>	<u>Total</u>
-- Related to course work	65	50	61
-- Mentors are supportive	87	76	84

Figure 11
Percentage of Participation in Work-Based Programs
who Report Experience Related to EFE, By Race and Sex





Current Students: Postsecondary Plans

Planned attendance:

- very high (92 percent)
- especially females (over 96 percent)

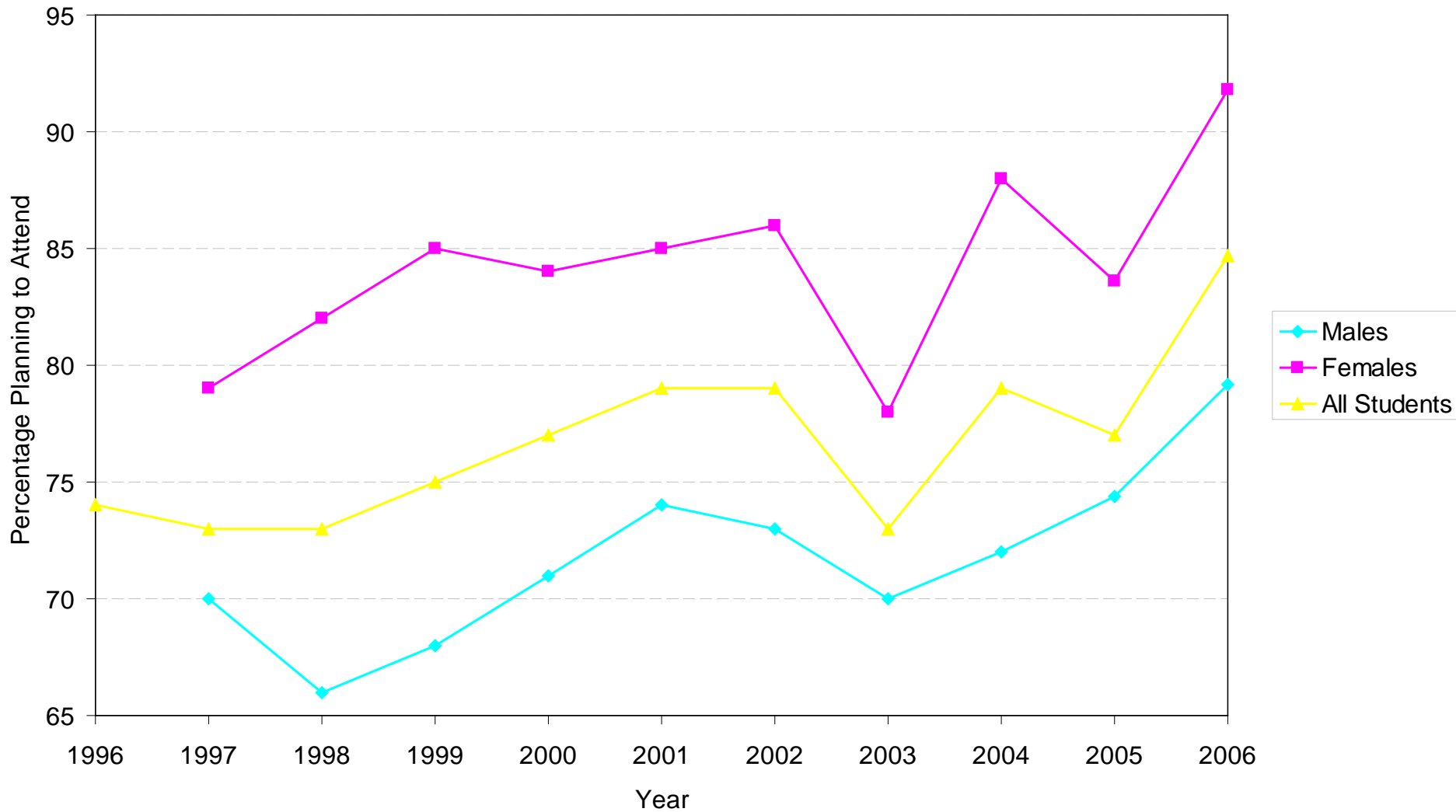
Table 1
Postsecondary Plans and Relevance of EFE Class

Plan/Relevance	Sex		Race		Work-based program		Total
	M	F	W	NW	Yes	No	
Postsecondary college, university (including community college) (n = 1,875)							
Yes, right away	79*	91*	85	84	88	84	85
Yes, after work	9*	5*	7	7	7	7	7
Don't know	7	3	6	4	3	6	5
No	5	1	1	4	3	3	3

Note: Table entries are sample percentages of the overall sample, except for item nonresponse.

*Difference from other population group is statistically significant at the 0.05 level.

Figure 12
Planned Postsecondary Attendance Rate, By Sex

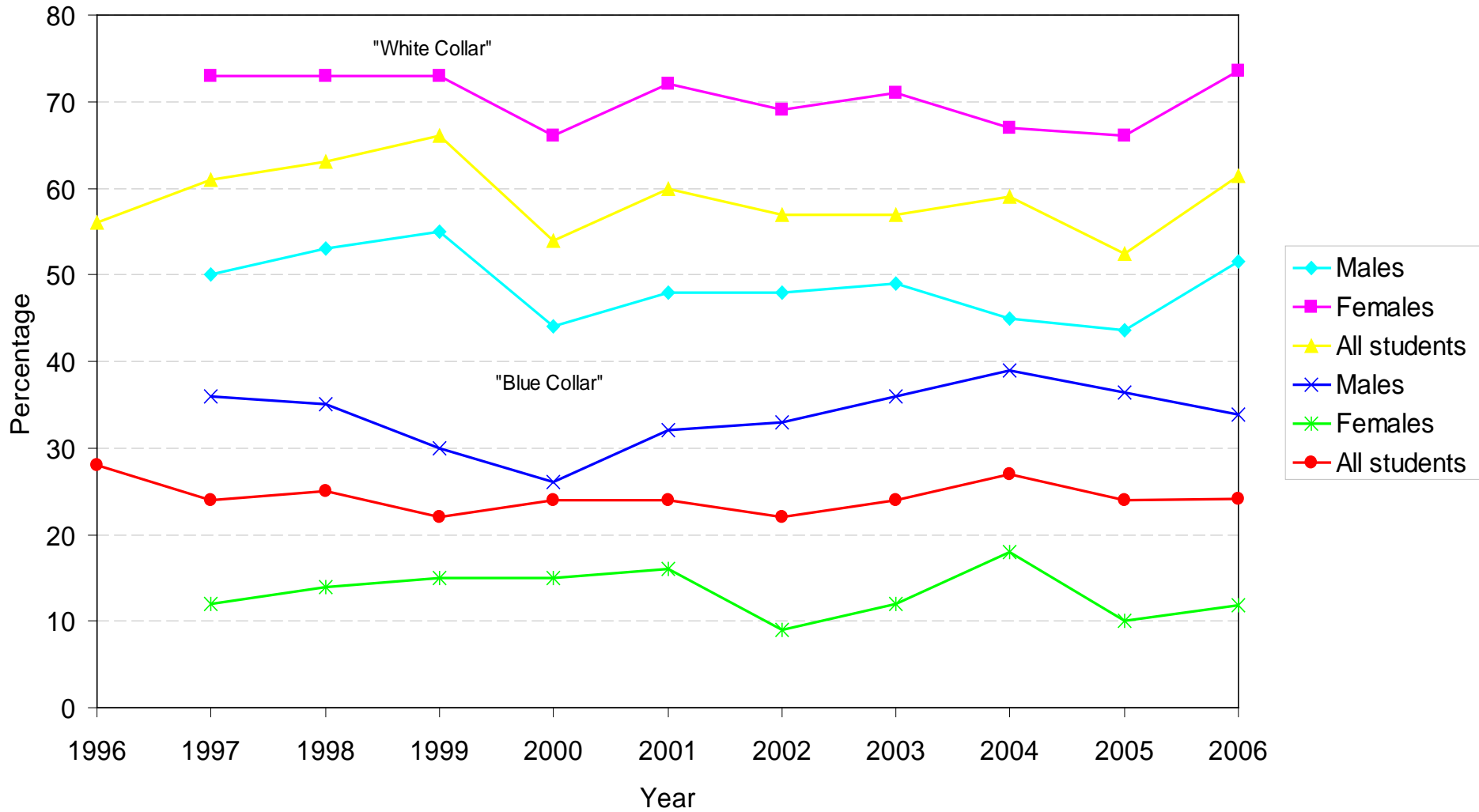




Current Students: Occupational Aspirations

White collar approximately 60 percent
Female → professional/technical

Figure 13
Occupational Aspirations, By Race & Sex

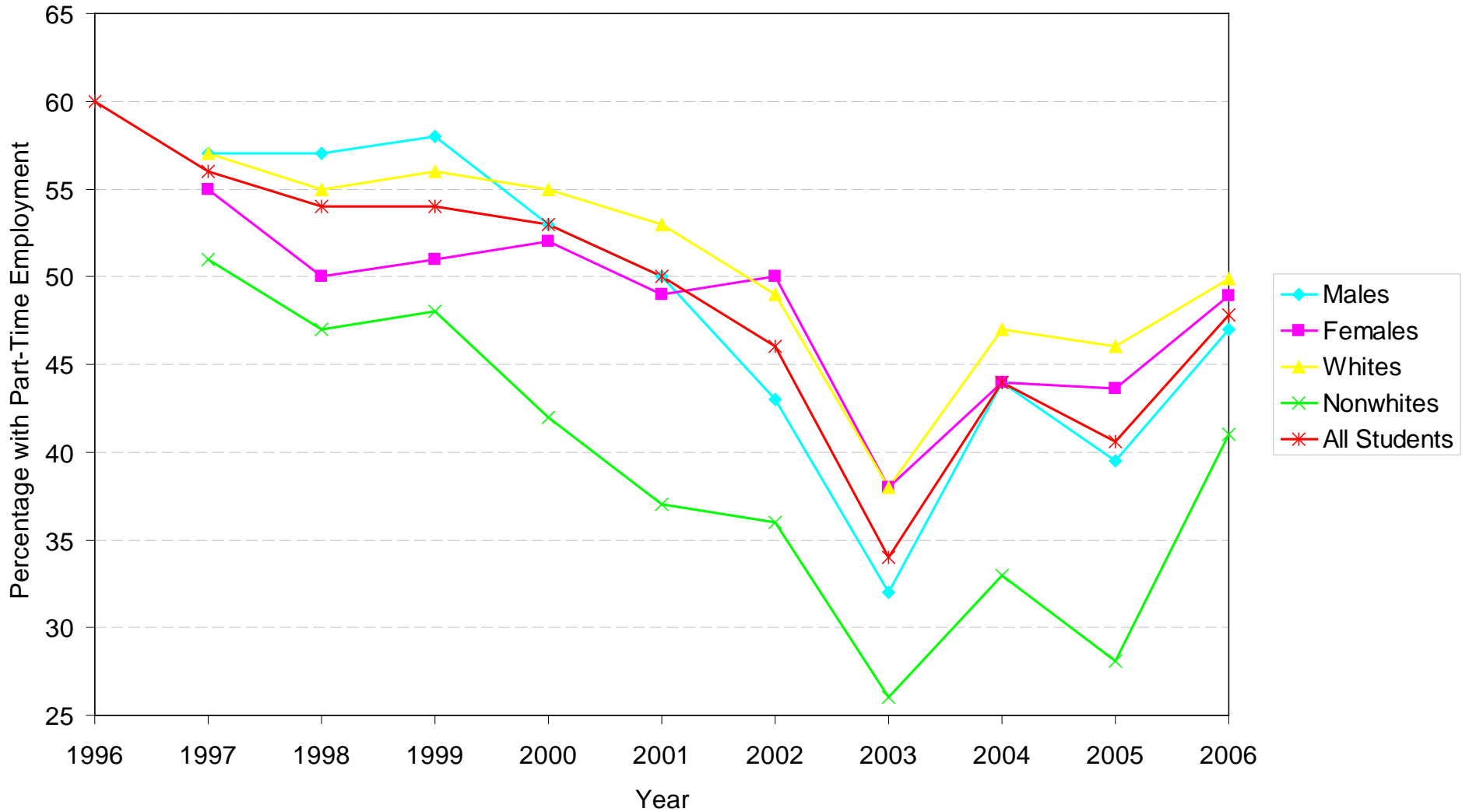




Current Students: Part-time jobs

Employment	48%
Hours	9.3
Wage	\$7.19
Training-relatedness	41.8%

Figure 14
Part-Time Employment Rates, By Race & Sex





Conclusions and Findings

1. EFE continues to provide quality programs to students in county
 - Few changes from previous years' data

Conclusions and Findings (Continued)

2. High rates of postsecondary attendance

- Follow-up: 80% actual
- Current students:
 - 85% right after high school
 - 7% later



Conclusions and Findings (Continued)

3. Significant decrease in 9th and 10th graders may partially explain why slight recovery in work-based learning and part time employment.



Conclusions and Findings (Continued)

4. Significant decrease in minority enrollment,
less than 10% African Americans



Conclusions and Findings (Continued)

5. Enrollment of males ↑ continuing a trend.

Conclusions and Findings (Continued)

6. Course quality grade ↑ substantially

Satisfaction indicators also ↑, but long-term slippage?

Conclusions and Findings (Continued)

7. Participation in work-based programs continues to be relatively low (< 20%).

Females > males ??



Conclusions and Findings (Continued)

8. Occupational aspirations skewed toward white collar, especially females.



Conclusions and Findings (Continued)

9. No evidence, one way or other, concerning student achievement.