

9-22-2005

Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2005 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. 2005. "Assessment of Kalamazoo County's Education for Employment (EFE) Programs Using 2005 Survey Data." Prepared for the Education for Employment (EFE) Council.

<https://research.upjohn.org/reports/51>

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 2005 Survey Data

September 22, 2005

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

- 10th year of surveys
- Follow-up of completers (state mandated)
- Current students

Follow-Up Survey

- History
 - Utility vs. compliance
- 2004/2005 survey
 - Smaller sample
 - State-mandated survey
 - No subgroups
 - No feedback on EFE

Follow-Up Survey Analysis

- Postsecondary attendance rate:

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

Follow-Up Survey Analysis

- Employment rate:

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

- Unemployment rate

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

Follow-Up Survey Analysis

■ Training-relatedness: (no proxies)

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

■ Wages and Hours:

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

Methodology and Response

- Current students
 - In class (internet, hard copy)
 - Sample = approx. 3,100
 - Completions = 2,257 (73%)

Analyses

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

Current Students Characteristics

55% male

25% NW (12.5% Black)

27% in 9th/10th grade

GPA = 3.05

2.3 hours/week homework

2.1 extracurriculars/year

6.0 tardies

5.5 unexcused absences

Figure 1
Gender Composition of Student Enrollment

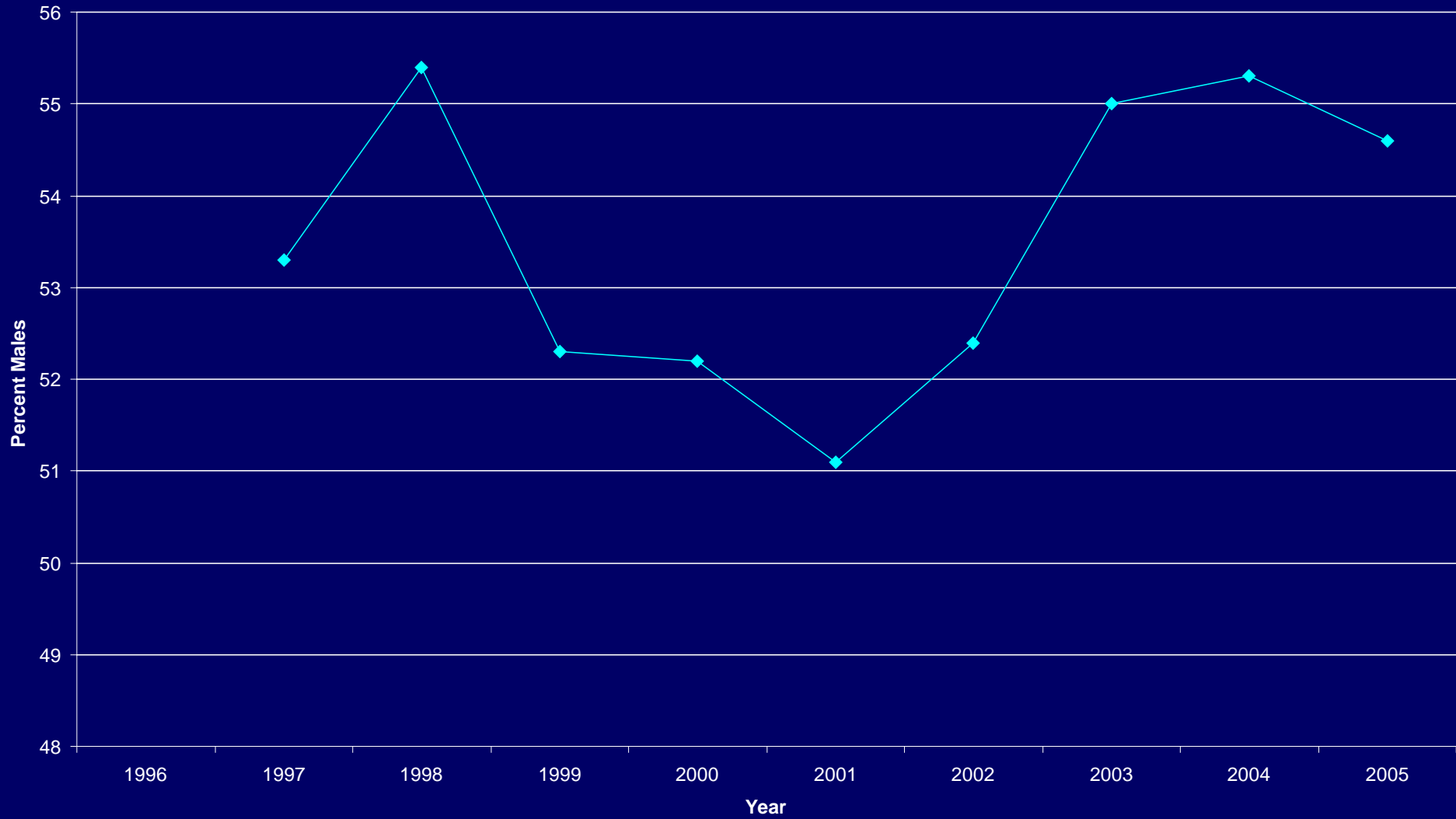


Figure 2
Racial Composition of Student Enrollment

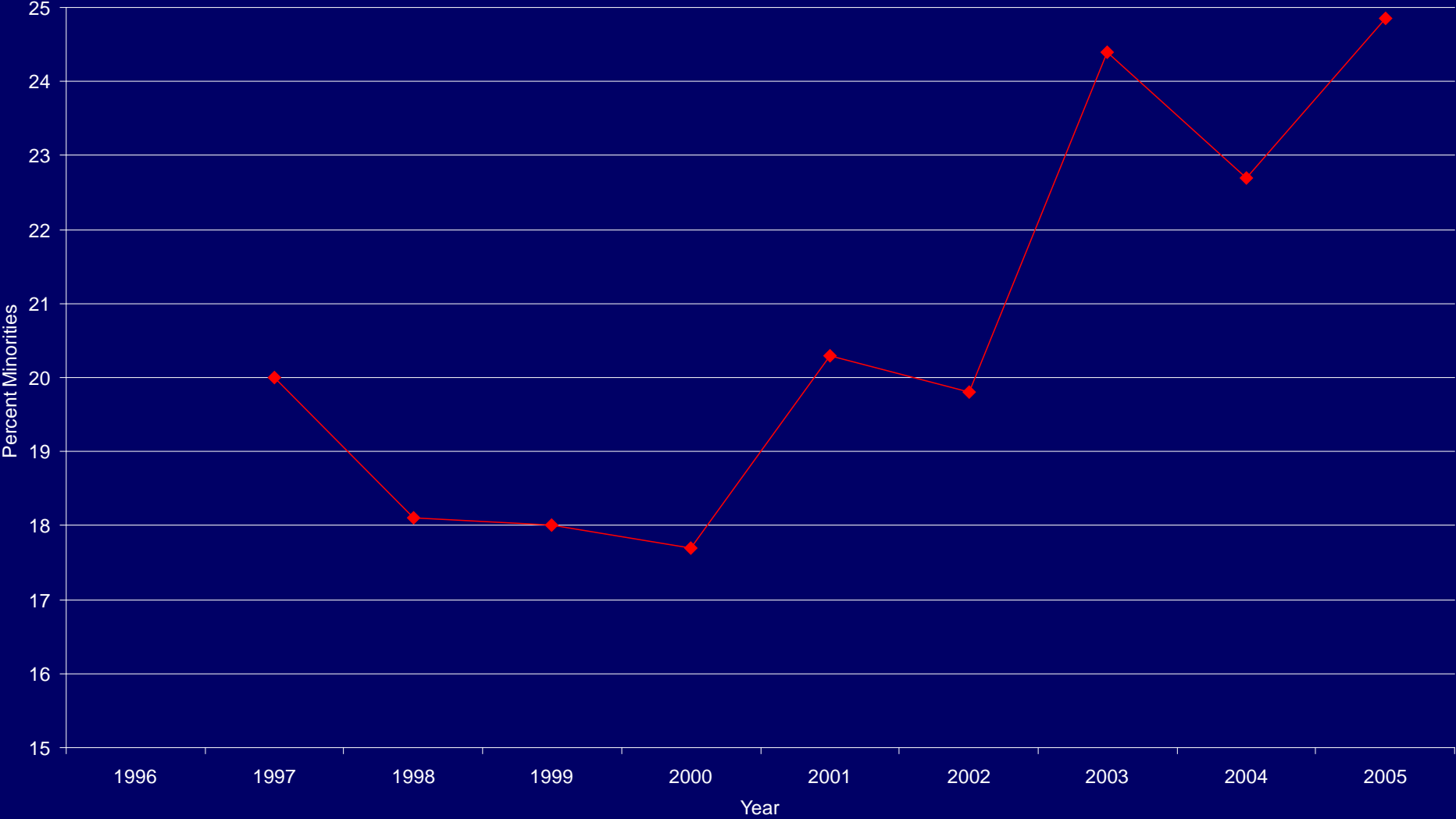


Figure 3
Enrollment of Students in Grades 9 and 10

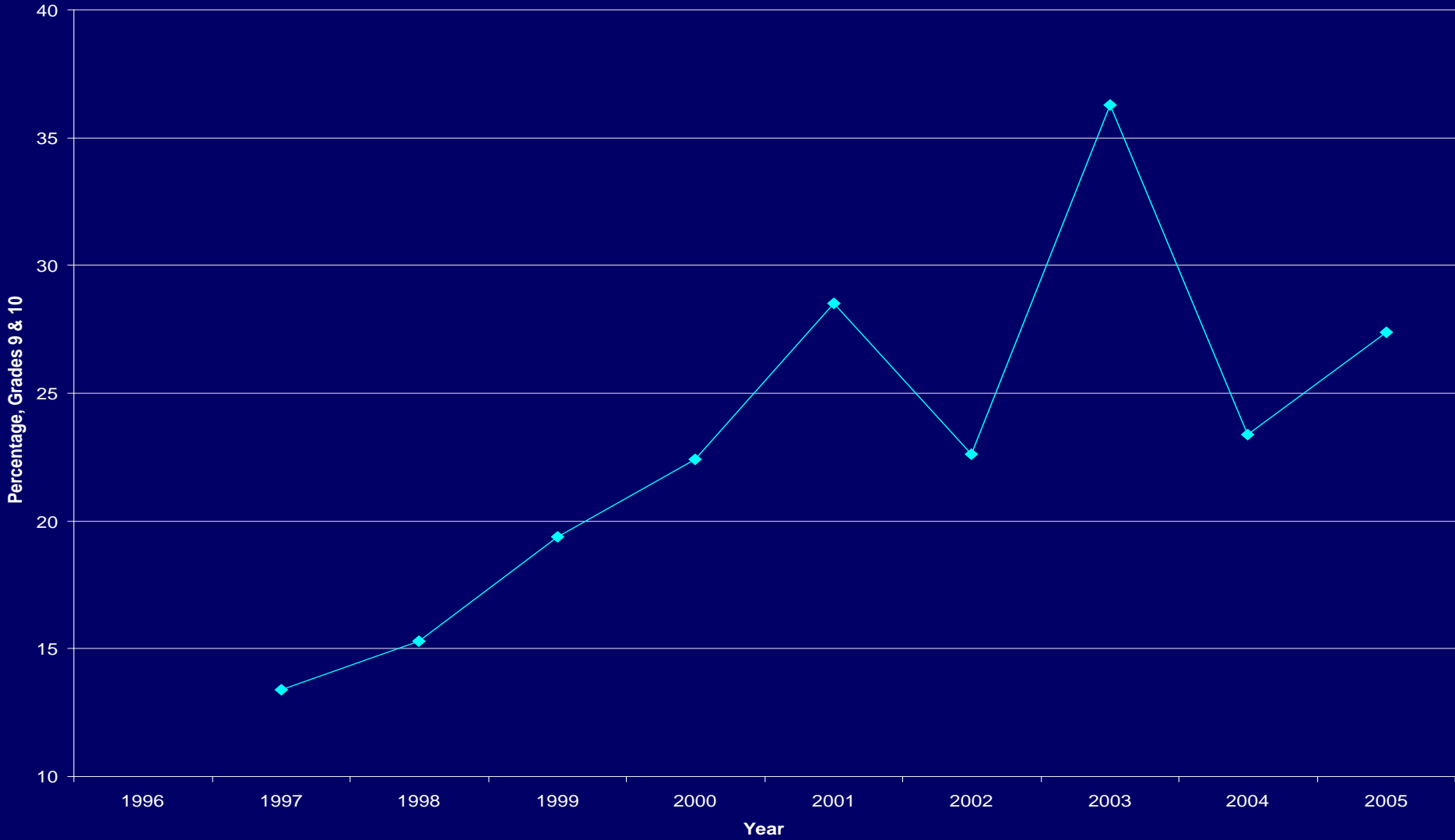


Figure 4
Average GPA's, By Race and Sex

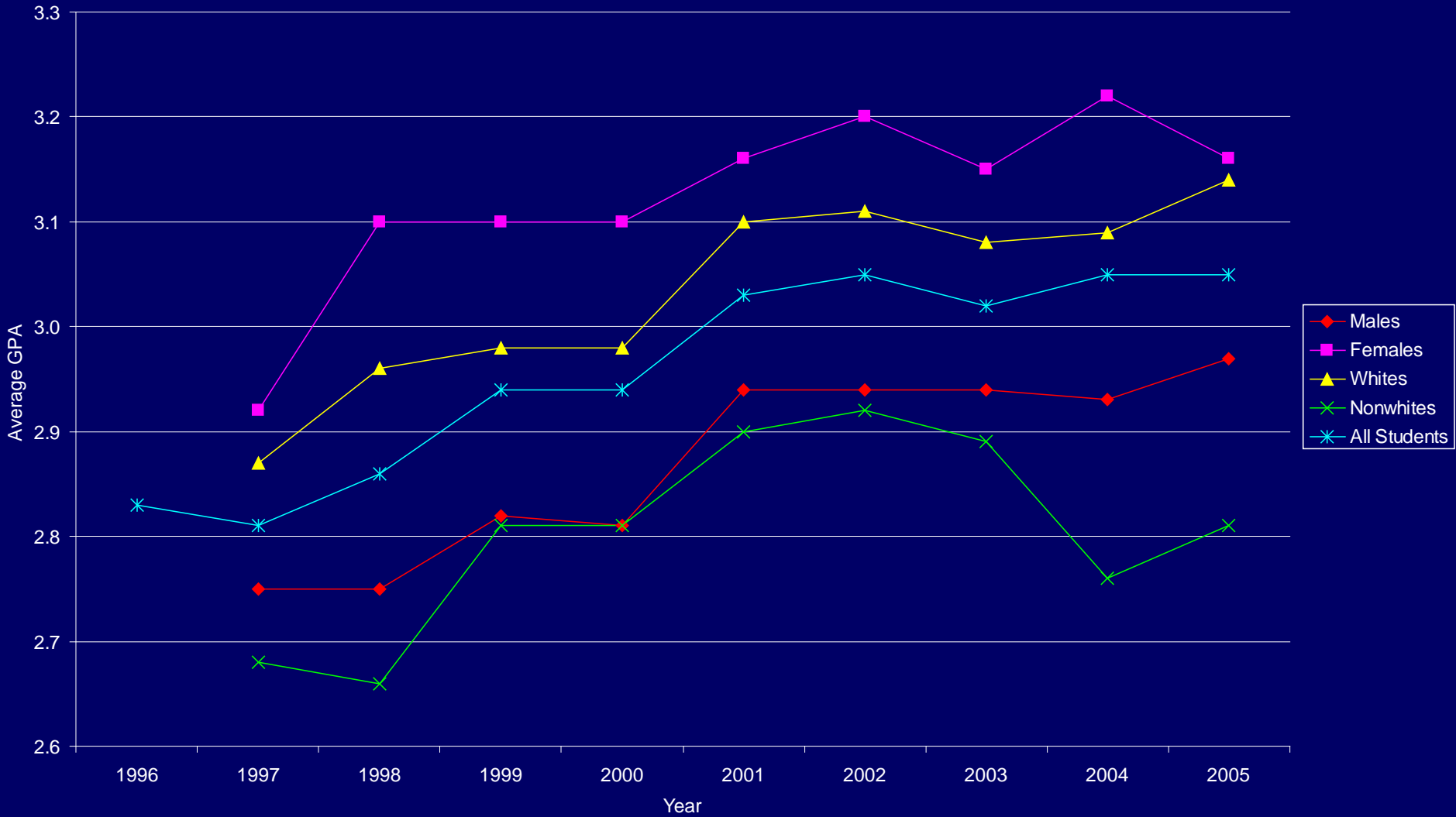
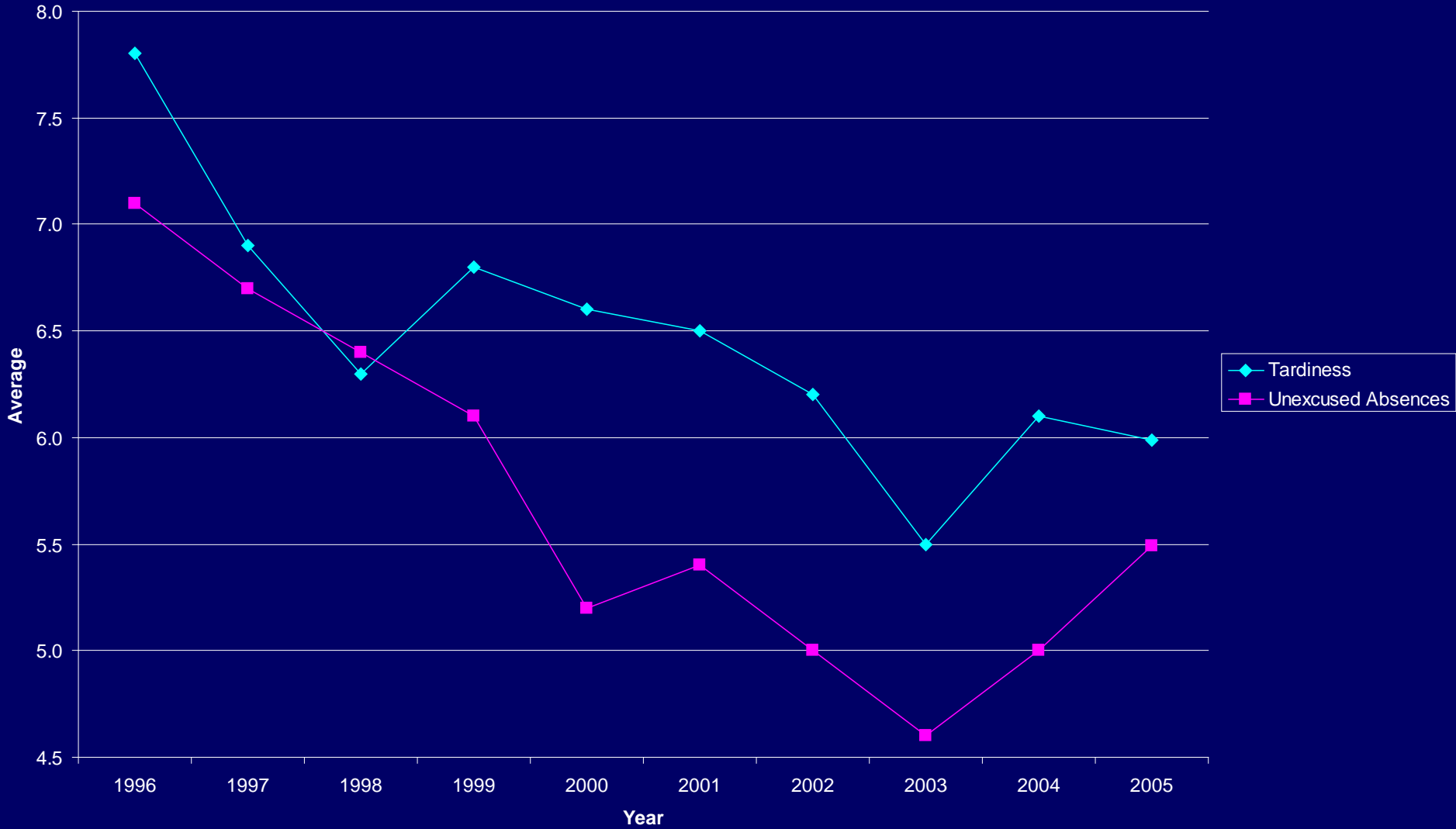


Figure 5
Average Number of Incidents of Tardiness and Unexcused Absences



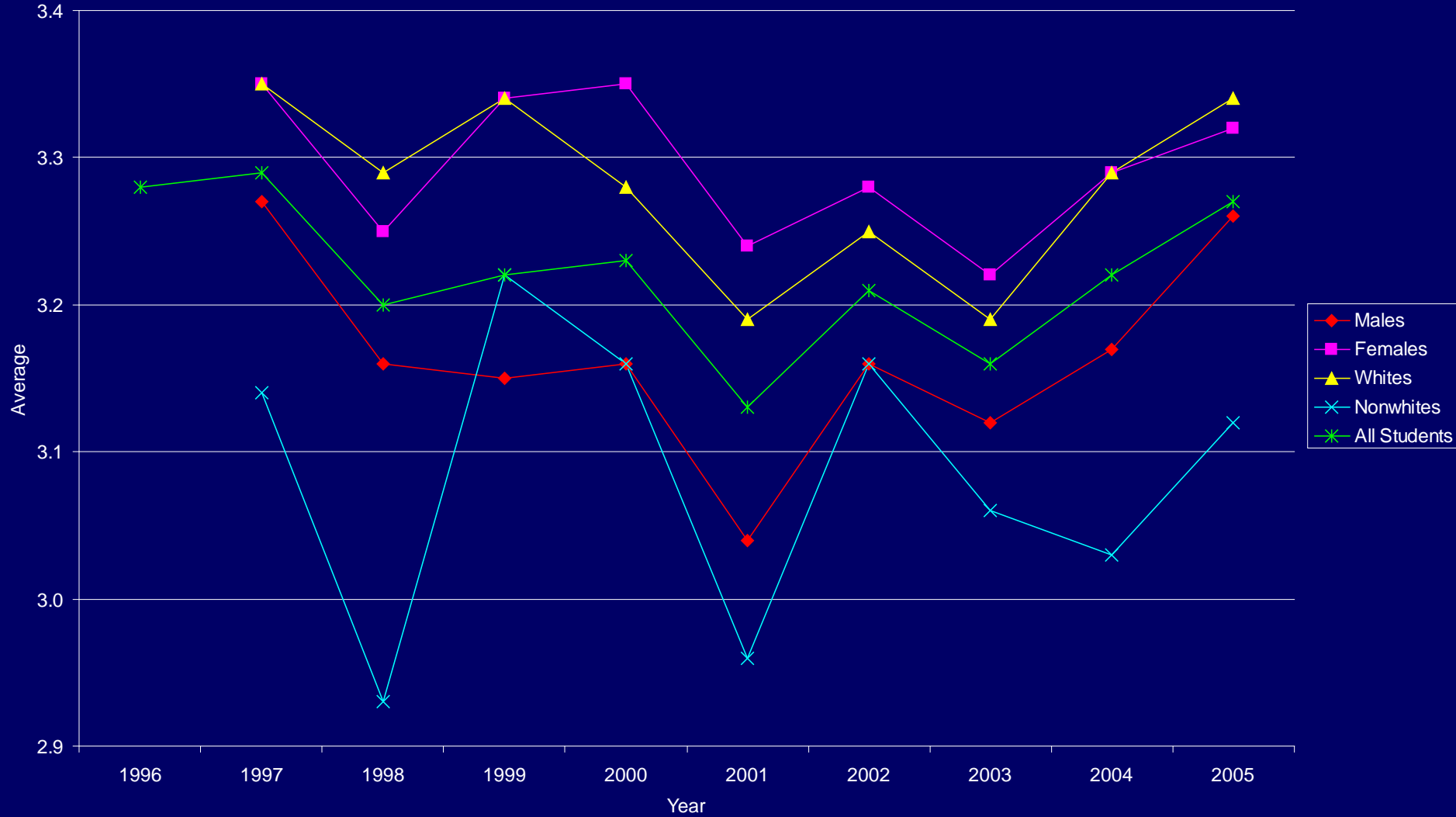
Current Students: EFE Experiences

Course quality grade

– Grade 3.16 → 3.28

But, some differences by subgroup

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



Current Students: EFE Experiences

Work-based programs:

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

Figure 7
Participation in Work-Based Programs

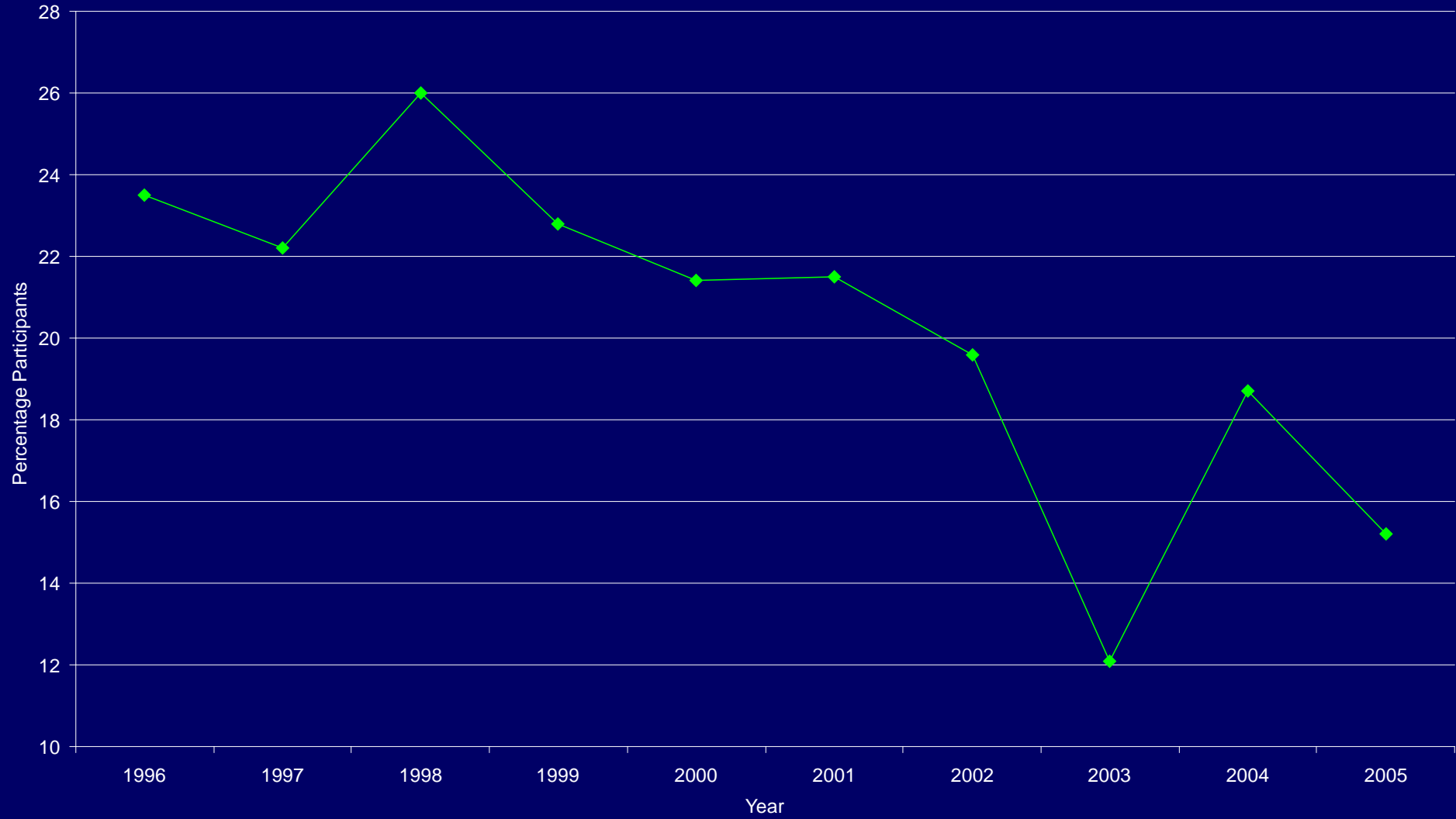


Figure 8
Participation in Work-Based Program Experiences, by Race and Sex

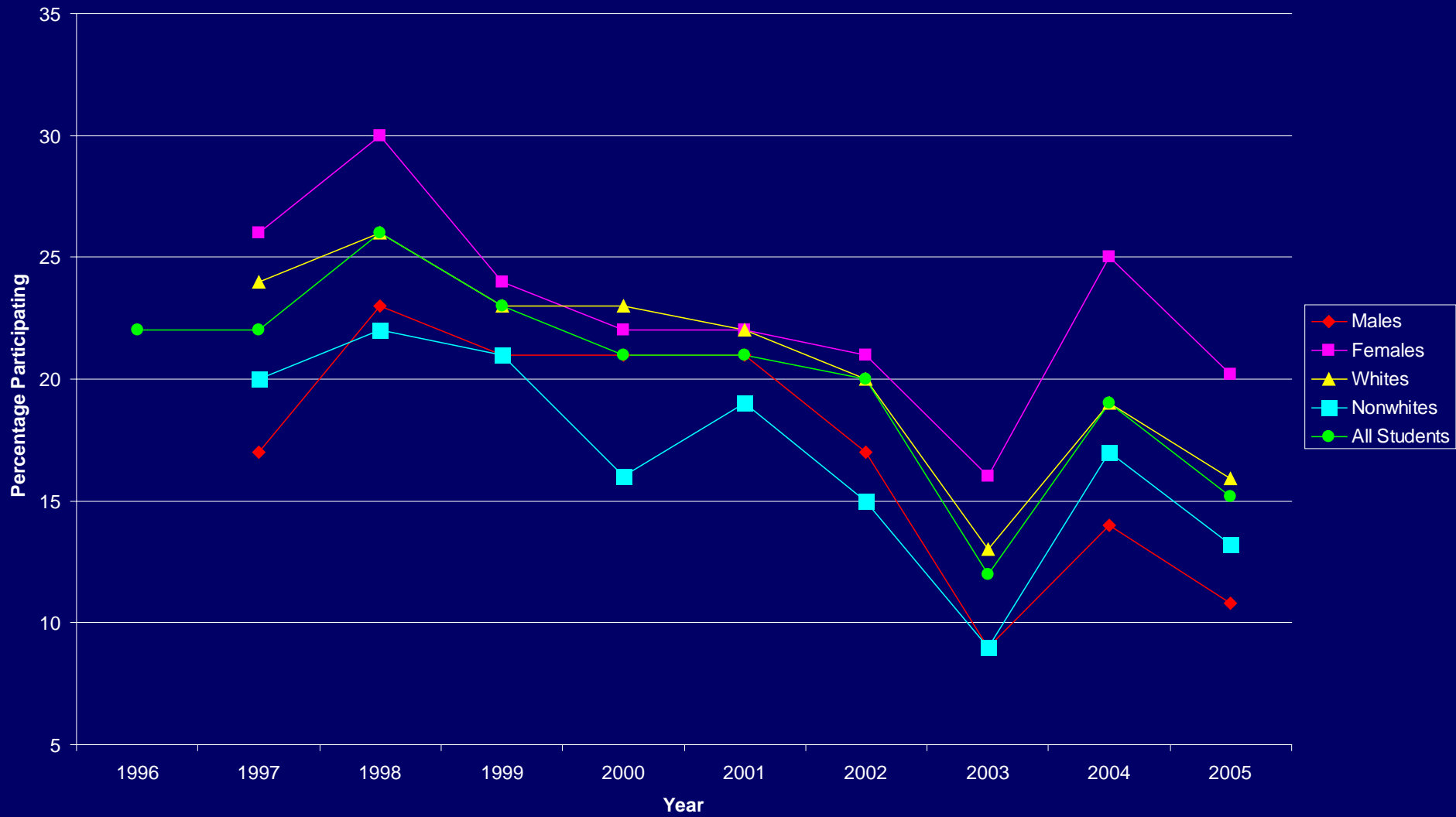
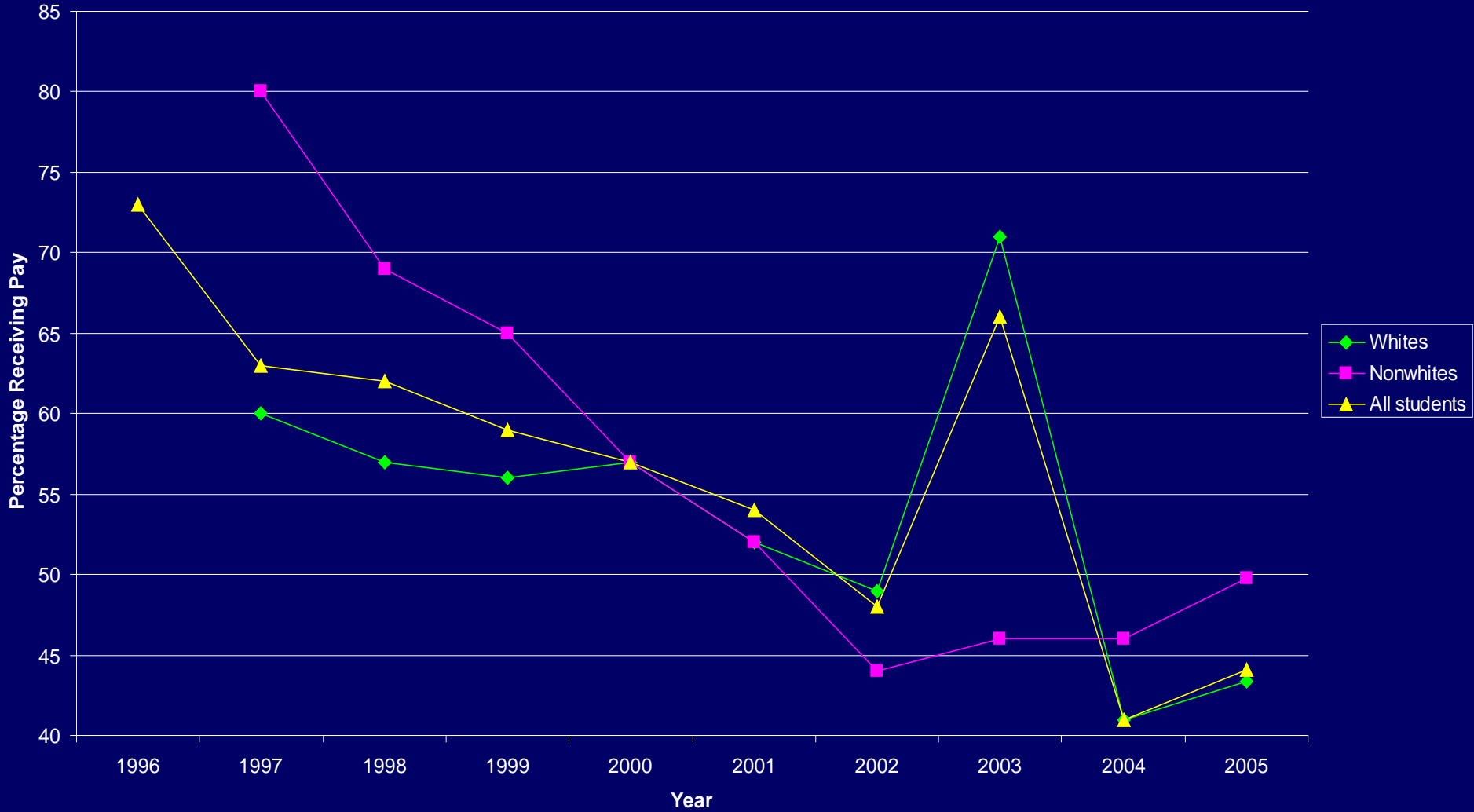


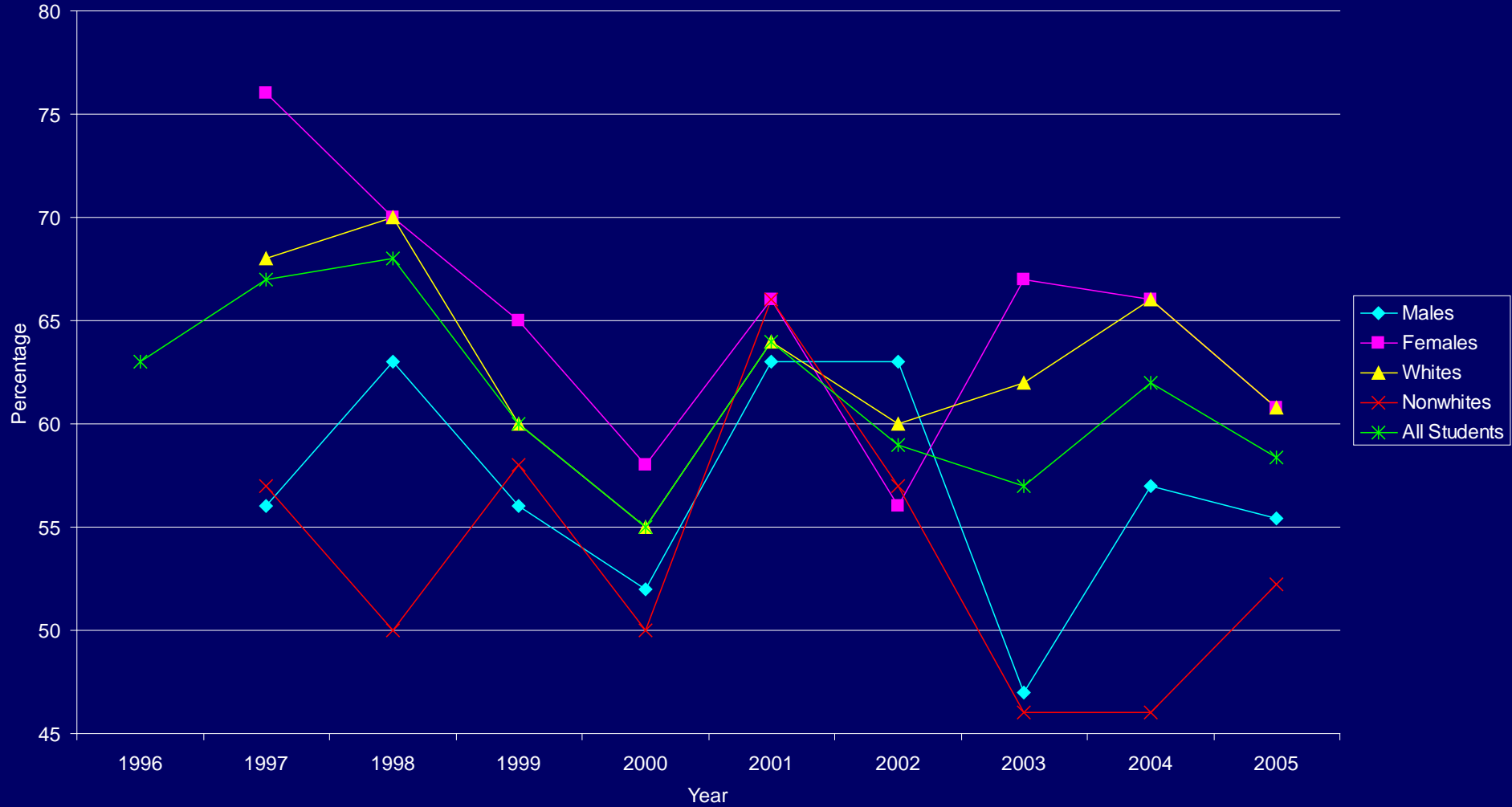
Figure 9
Percentage of Students in Work-Based Programs Receiving Pay, By Race



Current Students: EFE Experiences

Work-based programs:	<u>W</u>	<u>NW</u>	<u>Total</u>
-- Related to course work	61	52	58
-- Mentors are supportive	78	58	73

Figure 10
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 (86 percent)
- especially females (over 90 percent)

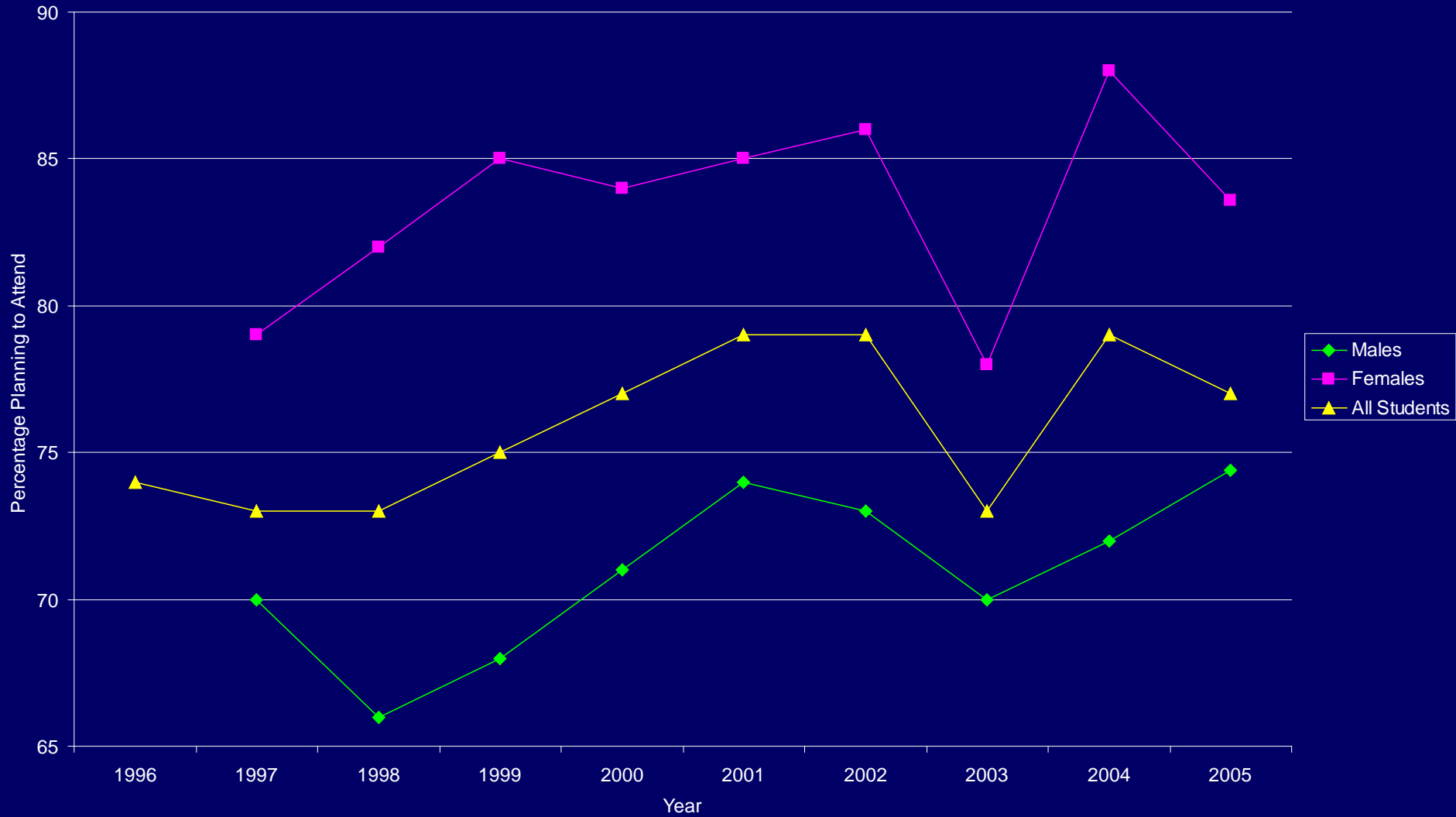
Table 1
Postsecondary Plans and Relevance of EFE Class

Plan/Relevance	Sex		Race		Work-based program		Total
	M	F	W	NW	Yes	No	
Postsecondary college, university (including community college) (n = 2,025)							
Yes, right away	74*	84*	80*	74*	84*	77*	77
Yes, after work	12*	7*	9	10	7	10	9
Don't know	8	6	6	9	4	7	7
No	4	2	4	3	3	4	4

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.

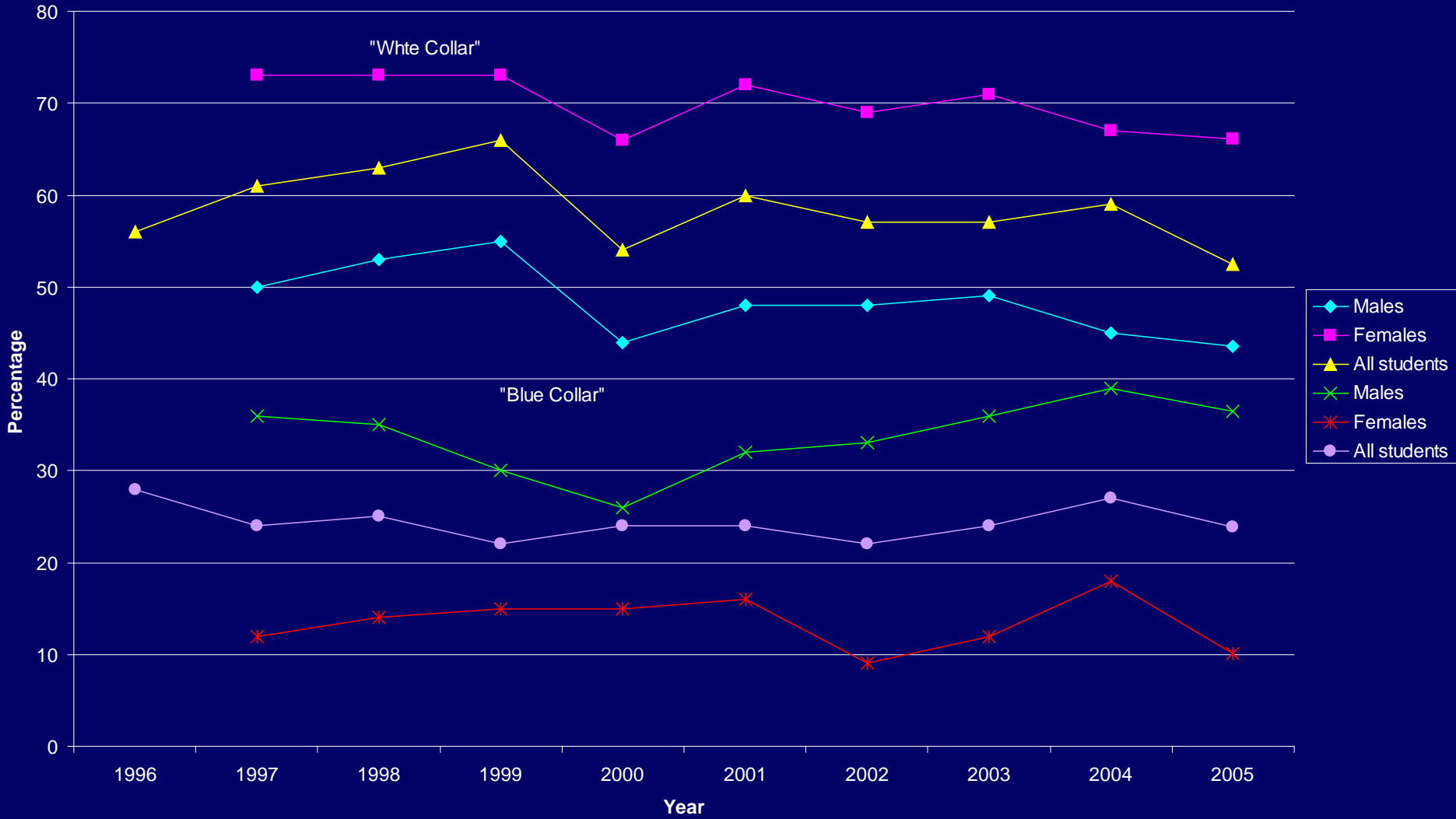
Figure 11
Planned Postsecondary Attendance Rate, By Sex



Current Students: Occupation

White collar approximately 50 percent
Female → professional/technical

Figure 12
Occupational Aspirations, By Race & Sex

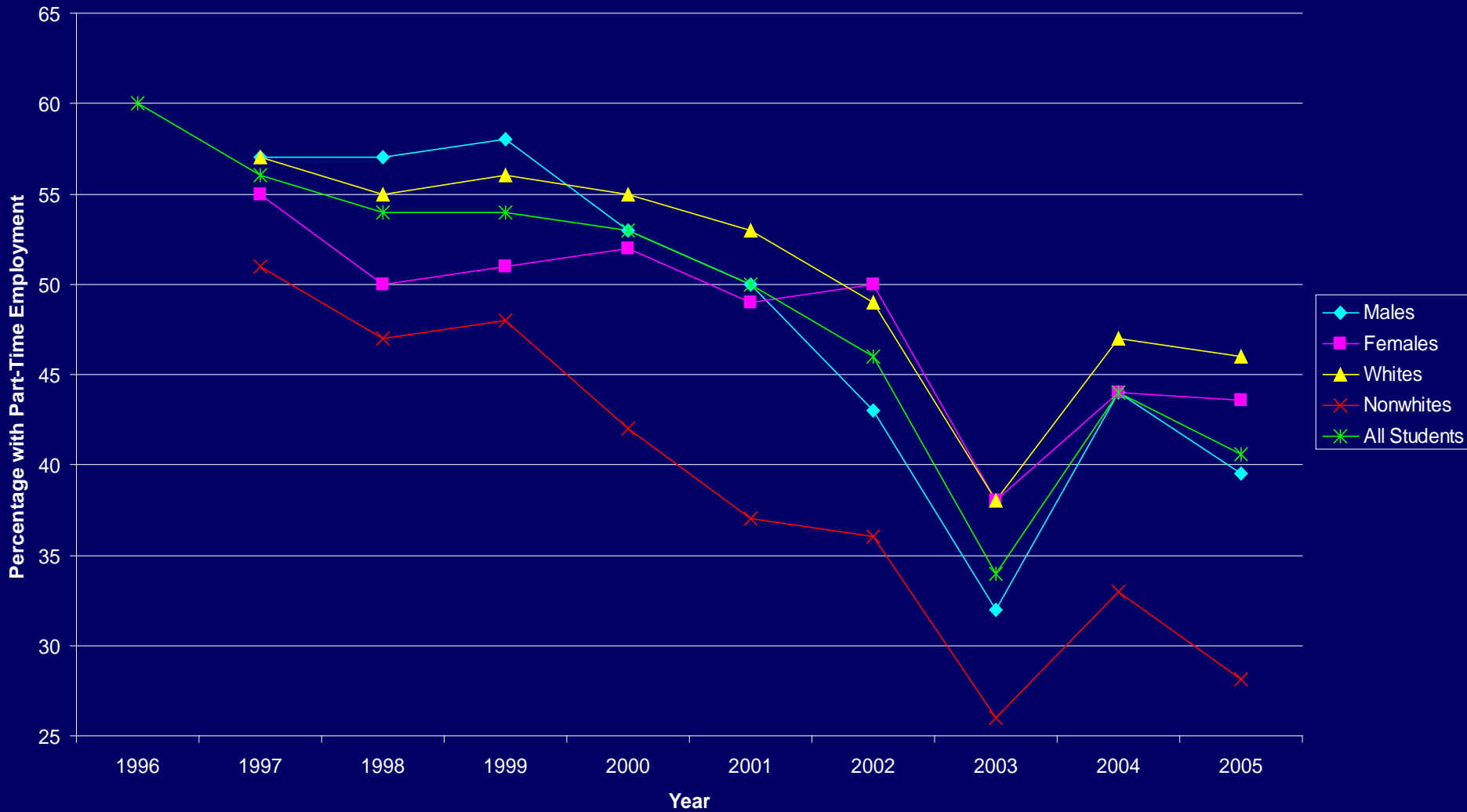


Current Students: Part-time jobs

-- Long-term trend ↓ in employment and hours

Employment	41%
Hours	13.3
Wage	\$6.65
Training-relatedness	40.0%

Figure 13
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: 83% actual
 - Current students: 86% plan

Conclusions and Findings (Continued)

3. EFE serves substantial number of 9th and 10th graders; serves substantial number of racial/ethnic minorities (each about 25 percent of EFE students)

Conclusions and Findings (Continued)

4. GPA differences in students –
Females > Males; Whites > Nonwhites
 - Could be “explained” by several different factors: differential course choices; population differences; etc.

Conclusions and Findings (Continued)

5. Course quality grade ↑ substantially.
Nonwhites "grade" relatively low.

Conclusions and Findings (Continued)

6. Participation in work-based programs continues to decline (long-term trend).

Conclusions and Findings (Continued)

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

Conclusions and Findings (Continued)

8. Part-time employment continues to decline (long-term trend).

Conclusions and Findings (Continued)

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