

Enrollment Patterns & Course Offerings

Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	Unique Headcount	1071	1211	1294	1382	1375
	Total Course Enrollments	1379	1558	1688	1807	1800
	# of Course Offerings	21	23	23	22	22
	# of Section Offerings	46	54	65	70	69
	Ave Enrollment per Section*	30.0	28.9	26.0	25.8	26.1

***Color Coding:** Pink cells contain values at least 10% lower than the college average; blue cells at least 10% above the college average.

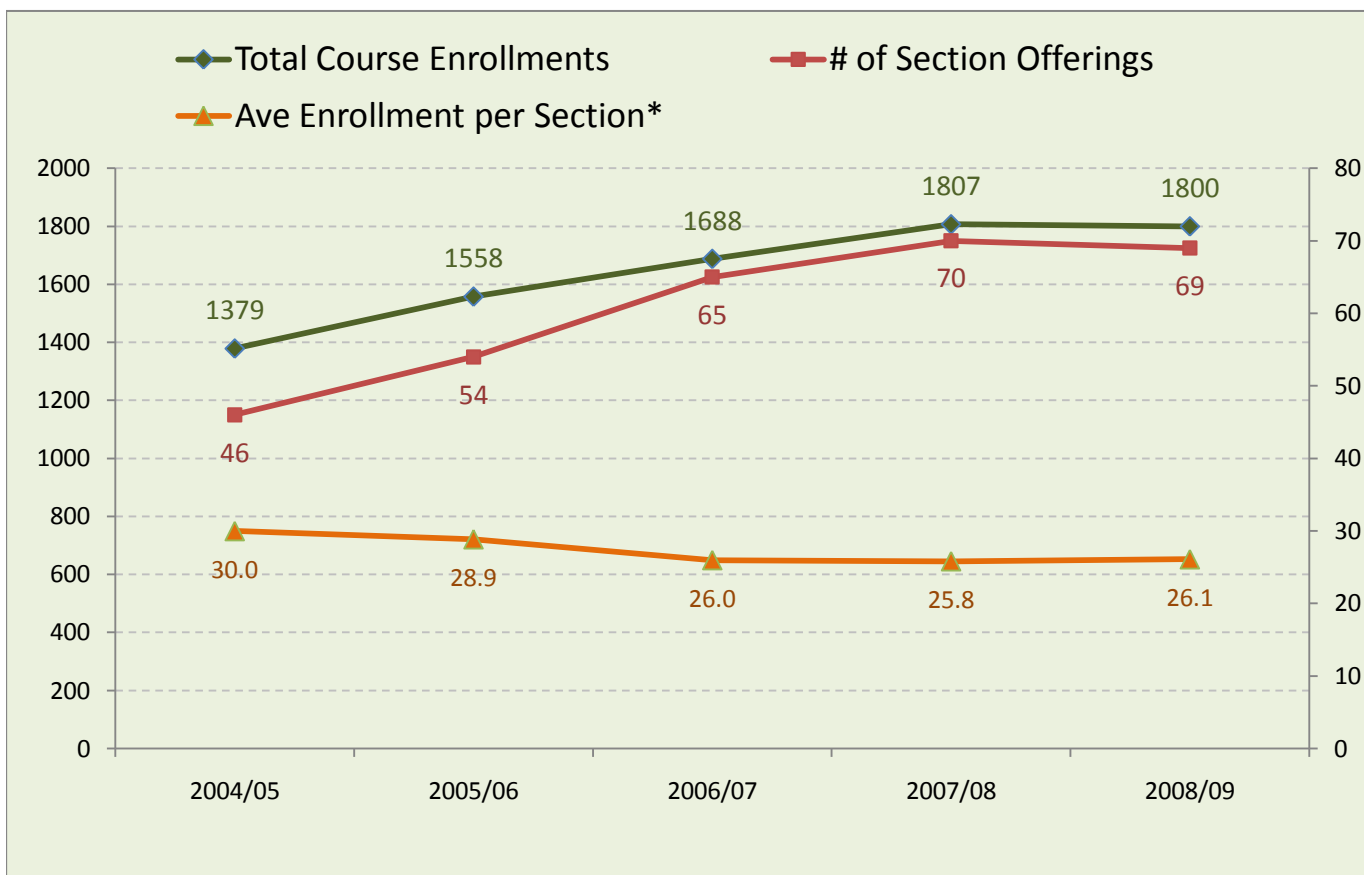
Data Definitions: **Unique Headcount** is the count of individual students (no duplicates) enrolled in any courses within the Department

Total Course Enrollments is the sum of all individual section enrollments within the Department.

of Course Offerings is the number of courses offered within the department for that Academic Year.

of Section Offerings is the number of course sections offered within the department for that Academic Year.

Ave Enrollment per Section is the average number of students per section (Average Class Size).



Some questions to get you thinking:

- * Compare course enrollments to section offerings. What is the relationship between the two trends?
- * Consider the trend in average enrollments per section. How does that trend compare to the trend in section offerings?
- * How does your Department's average enrollment per section compare to the college average? Why might they be different?
- * Consider the levels & growth of course enrollments and unique headcount. What does the difference tell you about your students?
- * Do the trends suggest any goals or enrollment targets for the department?

Department Efficiency

Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	WSCH	9093	10783	12418	12938	13587
	FTES	303.1	359.4	413.9	431.3	452.9
	FTE	12.96	15.84	18.65	20.56	20.04
	Load*	702	681	666	629	678

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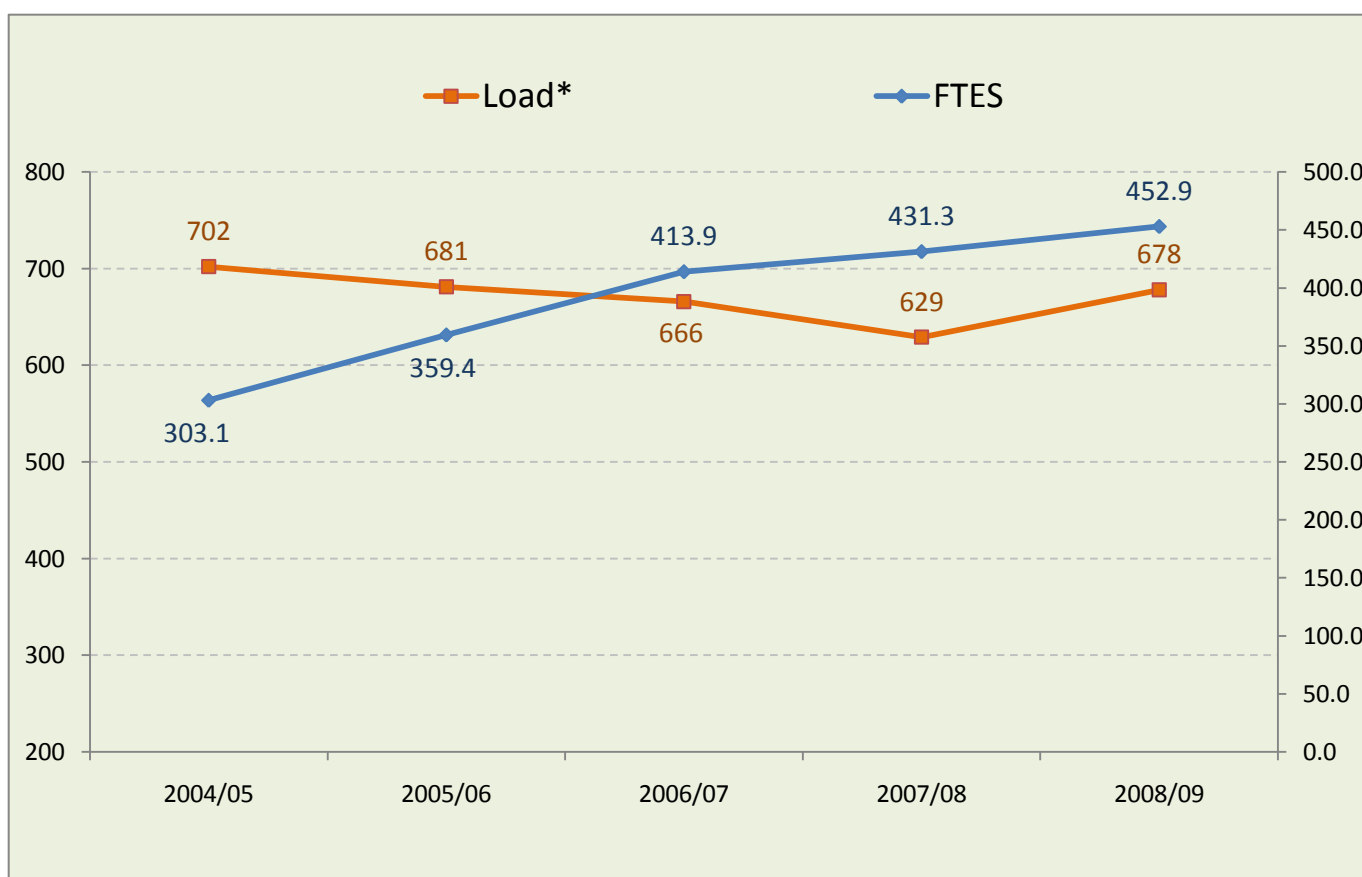
Data Definitions: **WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the department.

FTES is the total Full Time Equivalent Student value resulting from all enrollment within the department.

FTE is the Full Time Equivalent faculty associated with the Department's course offerings for that Academic Year.

Load is the ratio of WSCH to FTE and a standard measure of department efficiency.

Department Overview



Some questions to get you thinking:

- * What are the overall trends for Dept FTES & Load? Are the trends moving in the same direction?
- * Were there any deviations or sudden changes in the trend over the period? What do you think might be the underlying causes?
- * How does your Dept load compare with the college average? Are the trends similar? Why might they be different?
- * Given these trends and your reflection on their causes, what do you think are reasonable one-year and three-year targets for FTES & Load?

Student Performance Profile

Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	Success Rate*	74.6%	72.1%	72.2%	71.9%	70.5%
	Retention Rate*	85.2%	83.6%	83.4%	85.2%	84.1%
	Ave Units Attempted this Academic Yea	7.02	7.41	7.65	7.6	7.74
	Ave Units Earned this Academic Year	5.48	5.66	5.81	5.79	5.84
	Ave Academic Year GPA	2.25	2.7	2.63	2.71	2.63
	Ave Cumulative GPA	2.78	2.92	2.9	2.92	2.9

*Color Coding: Cells shaded pink contain values 10% lower than the College average; cells shaded blue contain values 10% above the College average.

Data Definitions: **Success Rate** is the percentage of students receiving a passing grade (A, B, C or CR) relative to all students receiving a grade.

Retention Rate is the percentage of students receiving any grade other than W relative to all students receiving a grade.

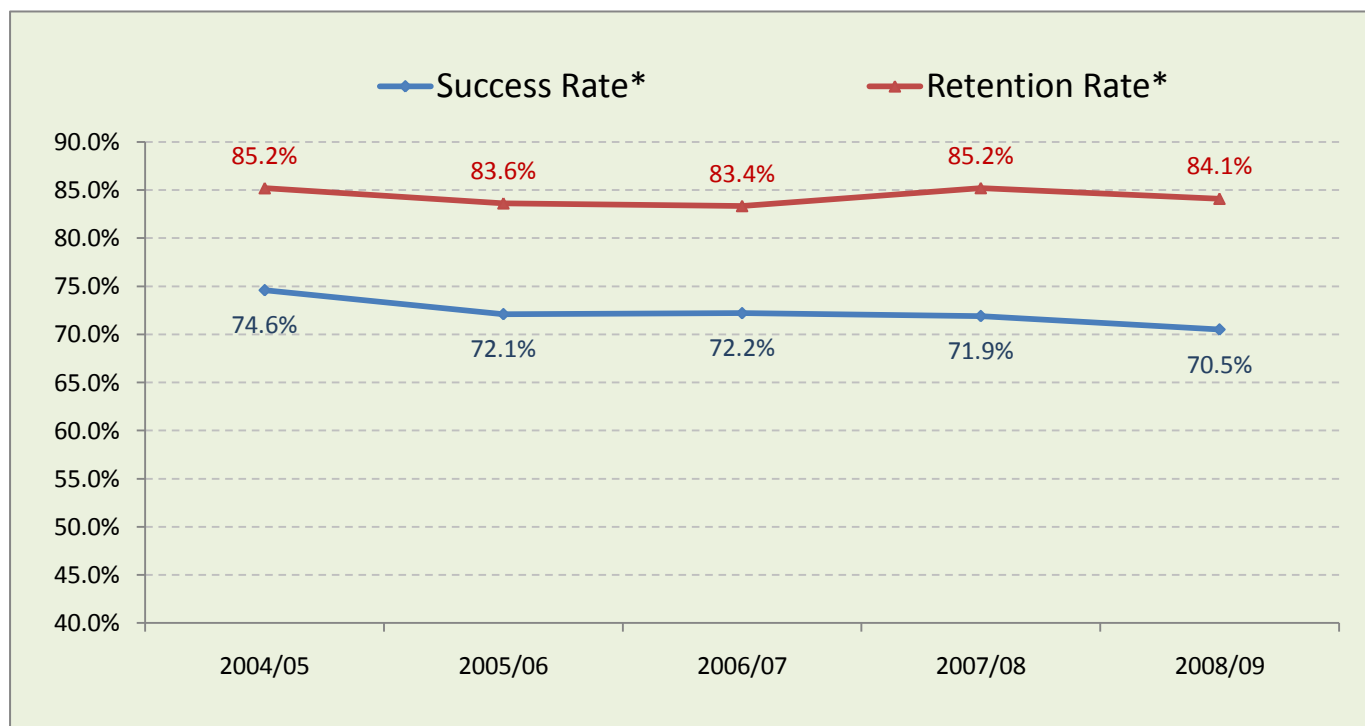
Ave Units Attempted this Academic Year is the average number of units associated with students enrollment for the Academic Year after the add/drop deadli

Ave Units Earned this Academic Year is the average number of course units awarded to the student at the end of the given Academic Year.

Ave Academic Year GPA is the average current Academic Year GPA of all students taking courses in the department for the given Academic Year.

Ave Cumulative GPA is the average cumulative GPA of all students taking courses in the department for the given Academic Year.

Student Performance Profile



Some questions to get you thinking:

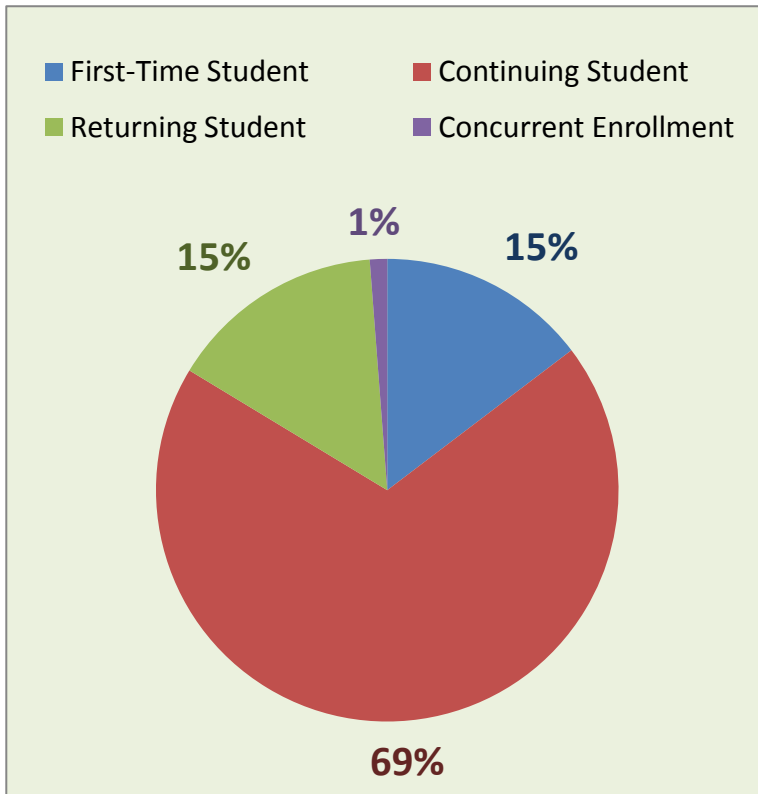
- * What are the overall trends in success rate and retention rate? Why might they be exhibiting those patterns?
- * Consider the levels & trends in student GPA and Unit Load? Could they explain any of the patterns in success and retention?
- * What do you think are the two or three underlying causes driving those trends and how might they be improved?
- * Are you generally satisfied with the departments current success & retention rates? How do they compare with the college average?

Student Enrollment Status Profile

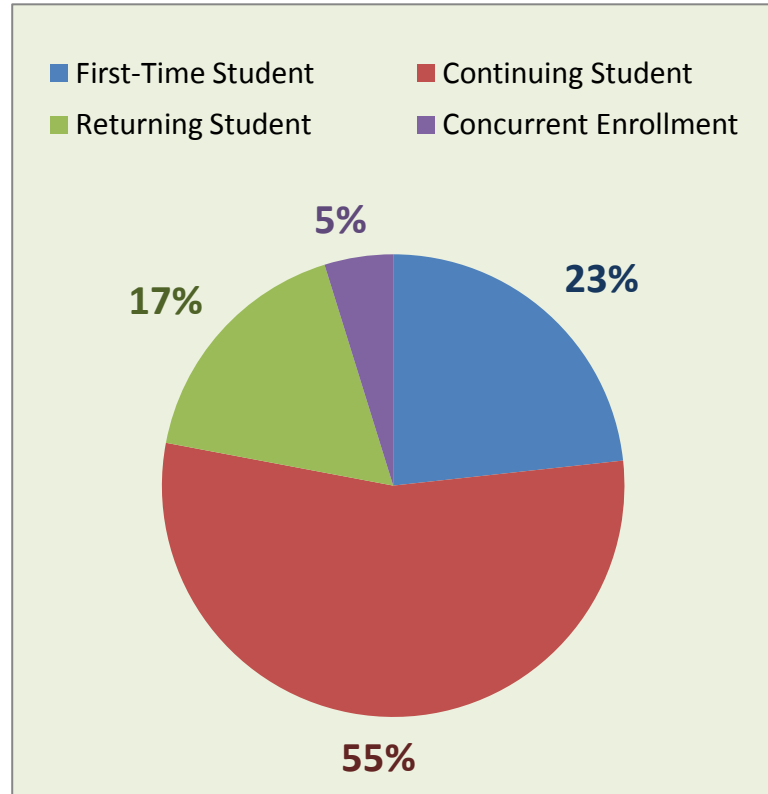
Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	First-Time Student	157	219	256	292	320
	Continuing Student	739	783	785	800	752
	Returning Student	162	180	217	217	237
	Concurrent Enrollment	13	29	36	73	66
	Percent First Time	15%	18%	20%	21%	23%
	Percent Continuing	69%	65%	61%	58%	55%
	Percent Returning	15%	15%	17%	16%	17%
	Percent Concurrent	1%	2%	3%	5%	5%

Data Definitions: **First Time Student** A student that has never attended this DISTRICT, but may have attended or may be currently attending another college.
Returning Student is returning to this DISTRICT and has not attended another institution since the last Academic Year here or is returning to this DISTRICT after attending another college.
Continuing Students are those that attended the DISTRICT in immediately previous primary Academic Year. Fall & Spring are primary Academic Years.
Concurrent Enrollment is a student that is attending high school during the Academic Year for which he/she is applying.

2004/05



2008/09



Some questions to get you thinking:

- * How has the proportion first-time, continuing & returning students in your department changed over the period?
- * Does this change suggest any response strategy for the department?
- * How does the current picture compare with the college average and what does that tell you?

Student Goal Orientation

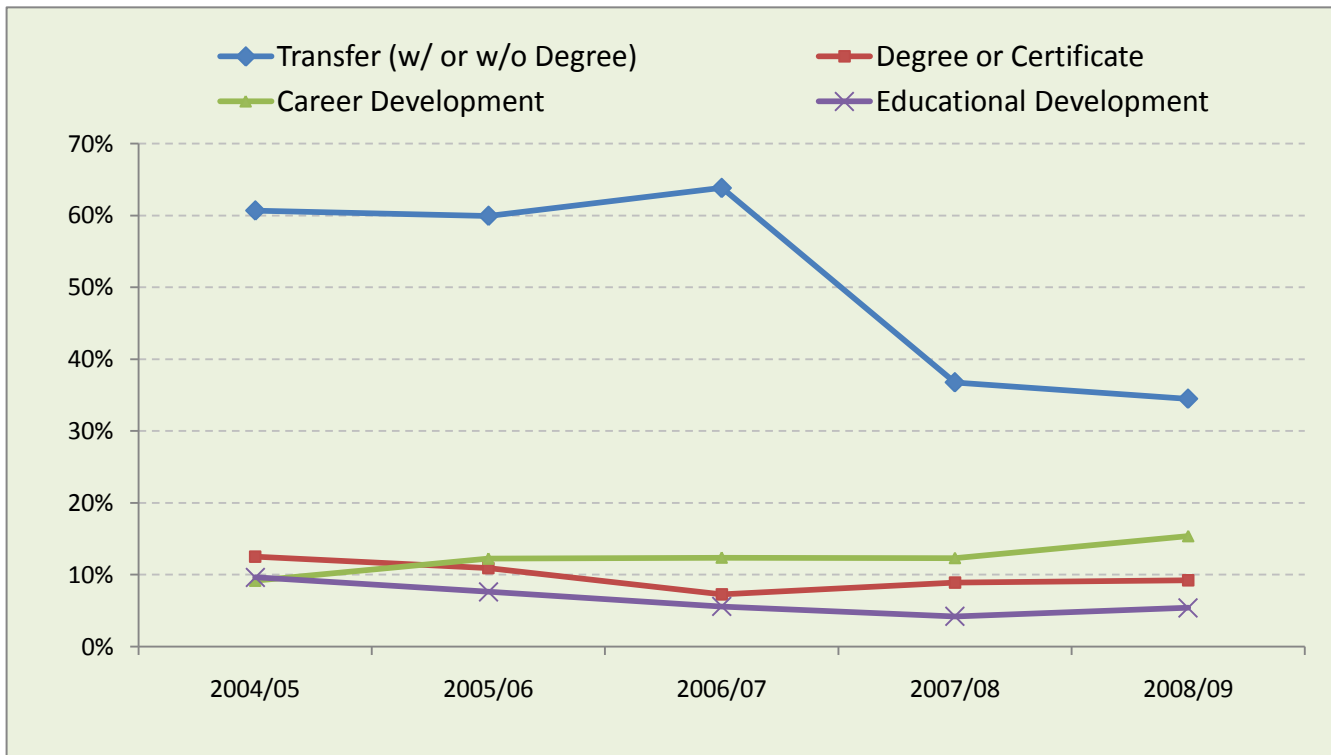
Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	Transfer (w/ or w/o Degree)	650	726	826	508	474
	Degree or Certificate	134	132	94	123	127
	Career Development	98	148	160	170	211
	Educational Development	103	92	72	58	74
	Undecided	12	24	29	439	379
	Other Goal	74	89	109	73	100
	Percent Transfer	61%	60%	64%	37%	34%
	Percent Degree or Certificate	13%	11%	7%	9%	9%
	Percent Career Development	9%	12%	12%	12%	15%
	Percent Education Development	10%	8%	6%	4%	5%
	Percent Undecided	1%	2%	2%	32%	28%
	Percent Other	7%	7%	8%	5%	7%

Data Definitions: All counts & percentages reflect the student's primary educational goal as indicated on their first application.

Note 1: Percentages do not sum to 100% because the Transfer category is not mutually exclusive with Degree Orientation.

Note 2: Because of limited space only the first four categories are plotted below. Consider the patterns associated with the Undecided and Other categories when identifying and analyzing department trends.

Sample of Student Goal Orientation



Some questions to get you thinking:

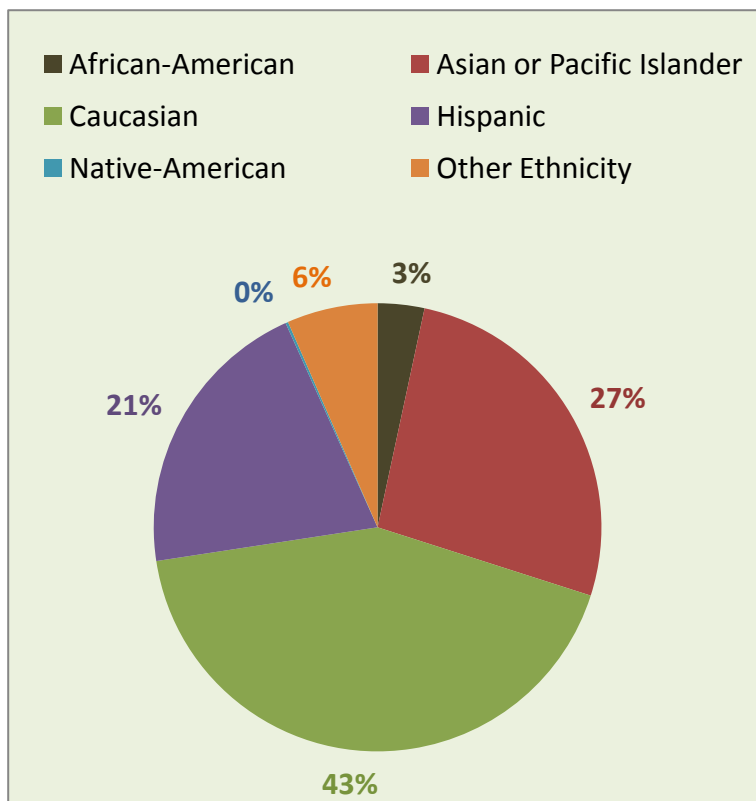
- * What are the most important trends occurring over the period? Do the data match your perceptions ?
- * What do you think are the underlying causes driving these trends ?
- * Does this change suggest any response strategy for the department?
- * How do the department trends compare to the college? Why might the two show different trends?

Student Demographics - Ethnicity

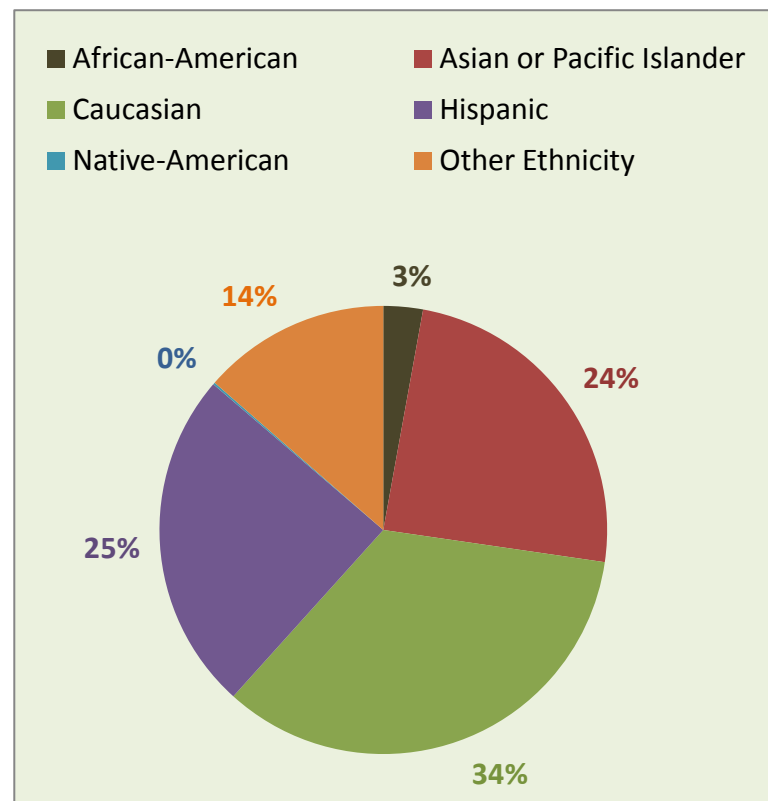
Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	African-American	36	46	41	34	39
	Asian or Pacific Islander	284	329	334	372	335
	Caucasian	456	418	470	450	471
	Hispanic	221	297	301	365	337
	Native-American	2	3	7	5	2
	Other Ethnicity	70	114	138	154	186
	Percent African-American	3%	4%	3%	2%	3%
	Percent Asian or Pacific Islander	27%	27%	26%	27%	24%
	Percent Caucasian	43%	35%	36%	33%	34%
	Percent Hispanic	21%	25%	23%	26%	25%
	Percent Native-American	0%	0%	1%	0%	0%
	Percent Other Ethnicity	7%	9%	11%	11%	14%

Data Definitions: Ethnicity category percentages may not sum to 100% due to nondisclosures.

2004/05



2008/09



Some questions to get you thinking:

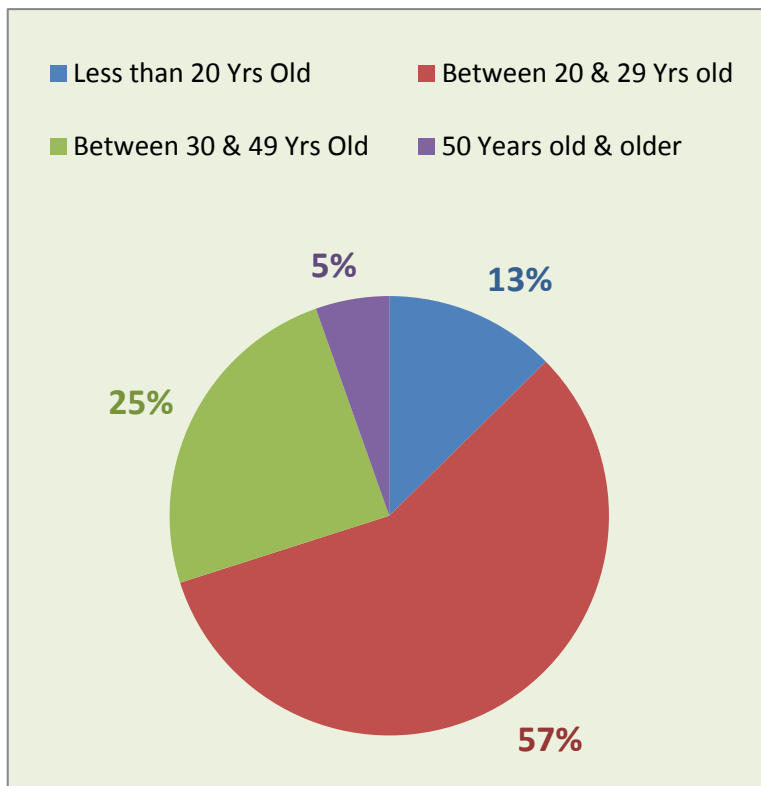
- * How has ethnicity profile of your department changed over the period? How do you interpret those changes?
- * What might be the underlying causes driving any changes?
- * Does this change suggest any response strategy for the department?
- * How does the current picture compare with the college average and what does that tell you?

Student Demographics - Gender & Age

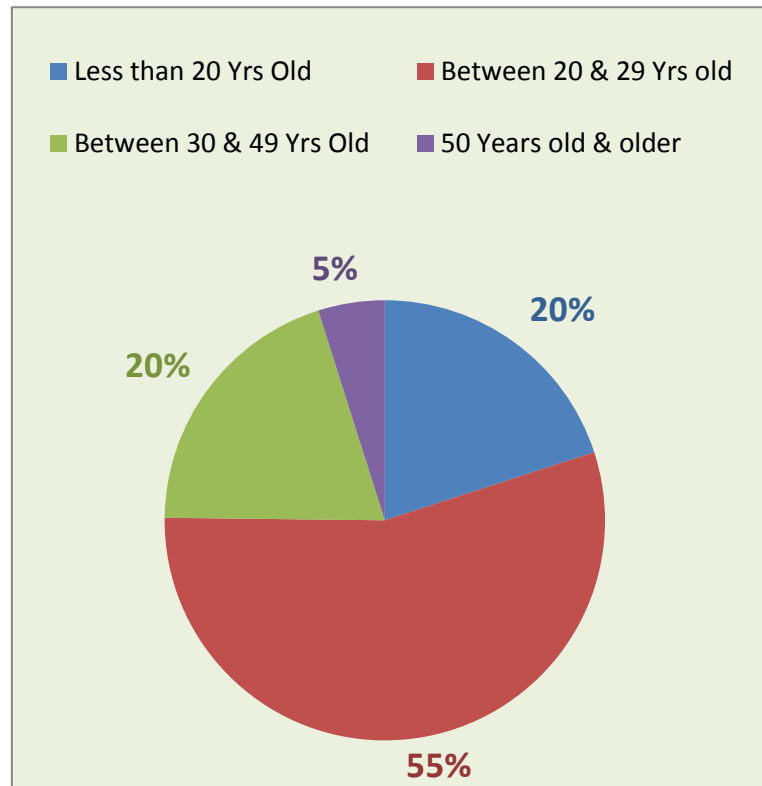
Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	Female	762	874	918	961	958
	Male	302	316	354	388	381
	Less than 20 Yrs Old	135	195	197	244	274
	Between 20 & 29 Yrs old	614	665	753	797	756
	Between 30 & 49 Yrs Old	262	284	271	272	273
	50 Years old & older	58	63	70	67	67
	% Female	71%	72%	71%	70%	70%
	% Male	28%	26%	27%	28%	28%
	% Less than 20 yrs old	13%	16%	15%	18%	20%
	% Between 20 & 29 yrs old	57%	55%	58%	58%	55%
	% Between 30 and 49 yrs old	24%	23%	21%	20%	20%
	% 50 Years old & older	5%	5%	5%	5%	5%

Data Definitions: Gender & Age category percentages may not sum to 100% due to nondisclosures.

2004/05



2008/09



Some questions to get you thinking:

- * Have there been any significant changes in the age profile of your students over the period? How do you interpret those changes?
- * What might be the underlying causes driving any changes? Do you expect the trend to continue?
- * How does the current picture for the department compare with the college?
- * Does this change suggest any response strategy for the department?

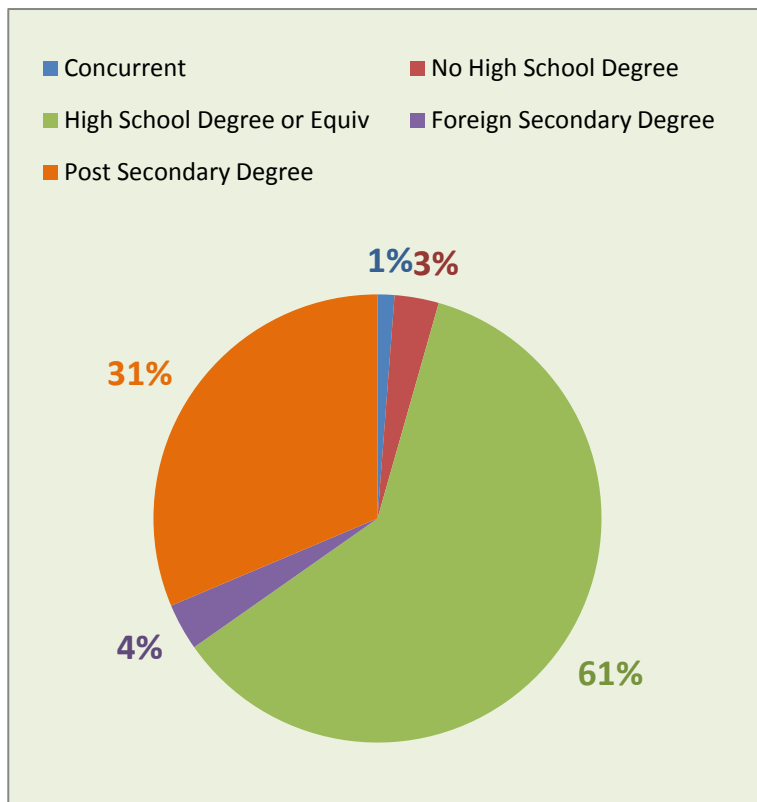
Student Education Attainment Level

Department	Metric	Academic Year				
		2004/05	2005/06	2006/07	2007/08	2008/09
BIOL	Concurrent	13	29	36	73	66
	No High School Degree	34	35	29	32	27
	High School Degree or Equiv	648	727	768	841	832
	Foreign Secondary Degree	36	42	38	53	34
	Post Secondary Degree	334	374	422	380	411
	% Concurrent Enrollment	1%	2%	3%	5%	5%
	% No High School Degree	3%	3%	2%	2%	2%
	% High School Degree or Equiv	61%	60%	59%	61%	61%
	% Foreign Secondary Degree	3%	3%	3%	4%	2%
	% Post Secondary Degree	31%	31%	33%	27%	30%

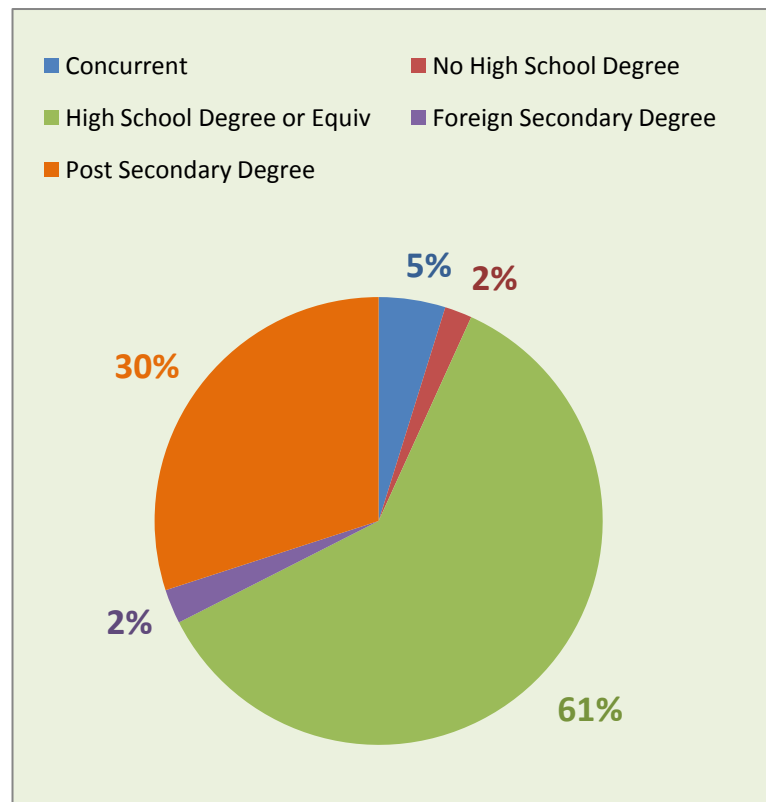
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2004/05



2008/09



Some questions to get you thinking:

- * Is the current education attainment profile of your students what you expected?
- * How has the education level of the students in your department been changing over this period?
- * What might be the underlying causes driving any changes? Do you expect the trend to continue?
- * How does the current picture for the department compare with the college?
- * Does this change suggest any response strategy for the department?