

Table 1. Enrollment Patterns & Course Offerings

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	Student Headcount	1294	1382	1375	1630	1688
	Total Course Enrollments	1688	1807	1800	2151	2227
	# of Course Offerings	23	22	22	25	24
	# of Section Offerings	65	70	69	74	72
	Ave Enrollment per Section*	26.0	25.8	26.1	29.1	30.9

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

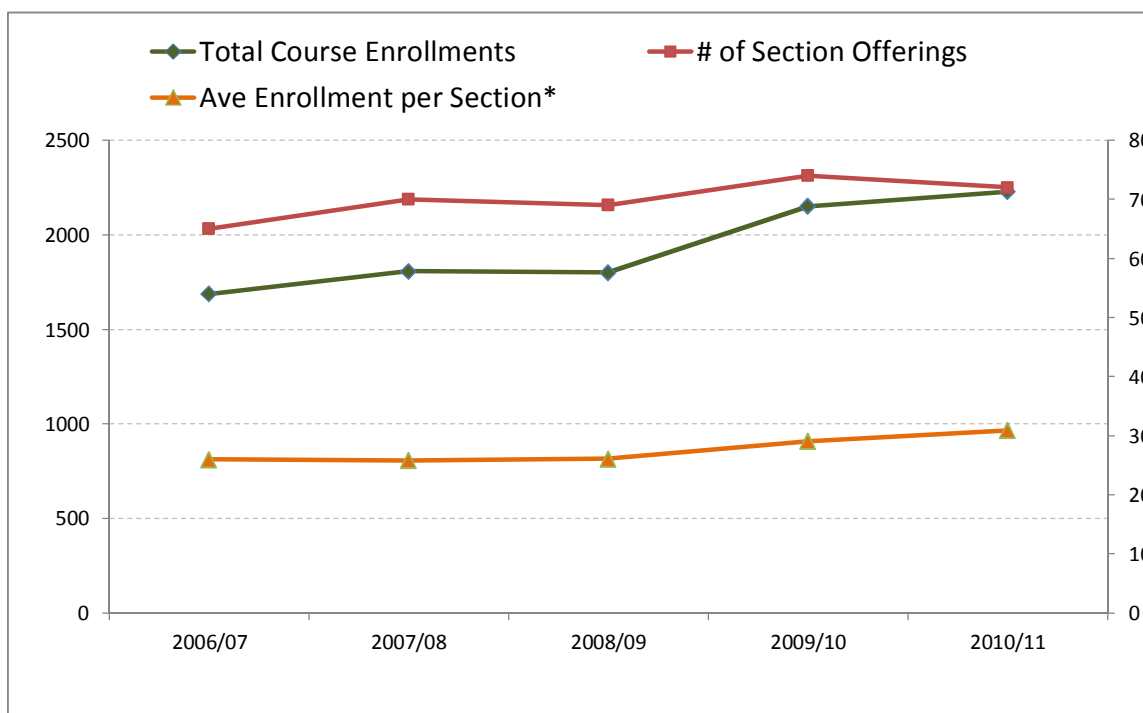
Data Definitions: **Student Headcount** is the count of individual students (no duplicates) enrolled in all courses within the Department

Total Course Enrollments is the sum of all course enrollments (filled seats) 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?

Table 2. Department Efficiency

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	WSCH	12418	12938	13587	14453	13878
	FTES	413.9	431.3	452.9	481.8	462.6
	FTE	18.65	20.56	20.04	21.33	20.25
	Load*	666	629	678	677	685

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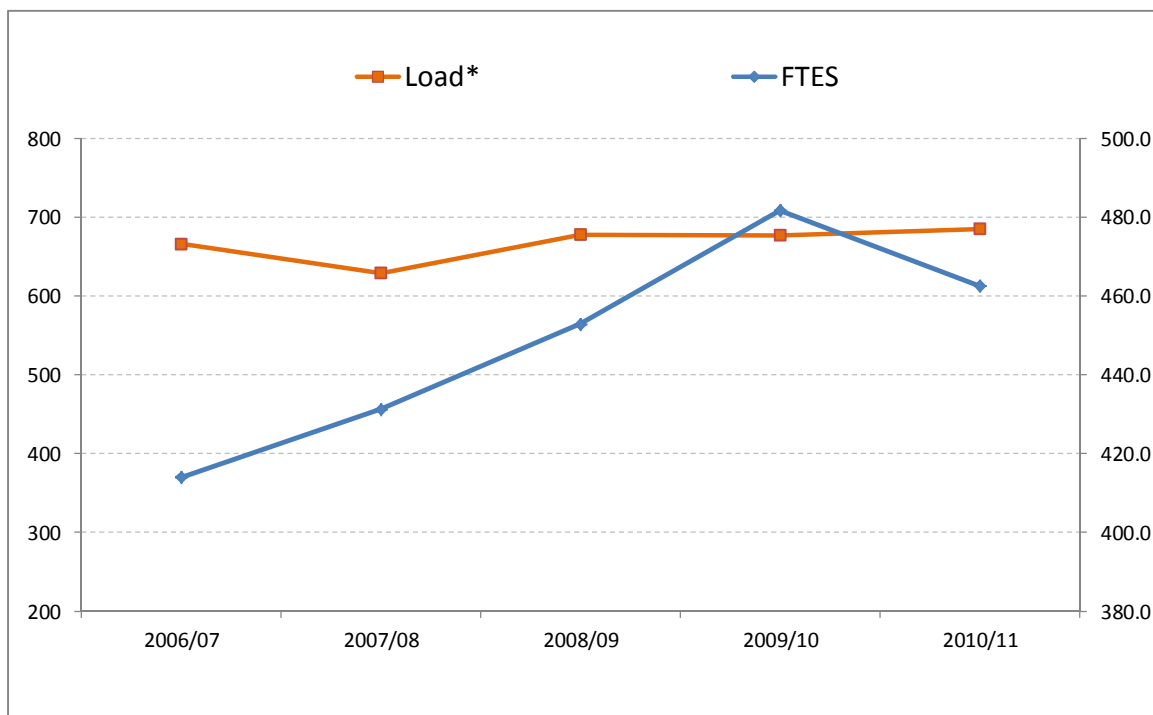
Data Definitions: **WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the department.

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?

Table 3. Student Performance Profile

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	Success Rate*	72.2%	71.9%	70.7%	66.9%	64.6%
	Retention Rate*	83.4%	85.2%	84.0%	82.0%	81.1%
	Ave Units Attempted this Academic Year	7.65	7.6	7.74	7.99	8.48
	Ave Units Earned this Academic Year	5.81	5.79	5.78	5.86	6.05
	Ave Academic Year GPA	2.63	2.71	2.64	2.62	2.57
	Ave Cumulative GPA	2.9	2.92	2.92	2.91	2.83

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

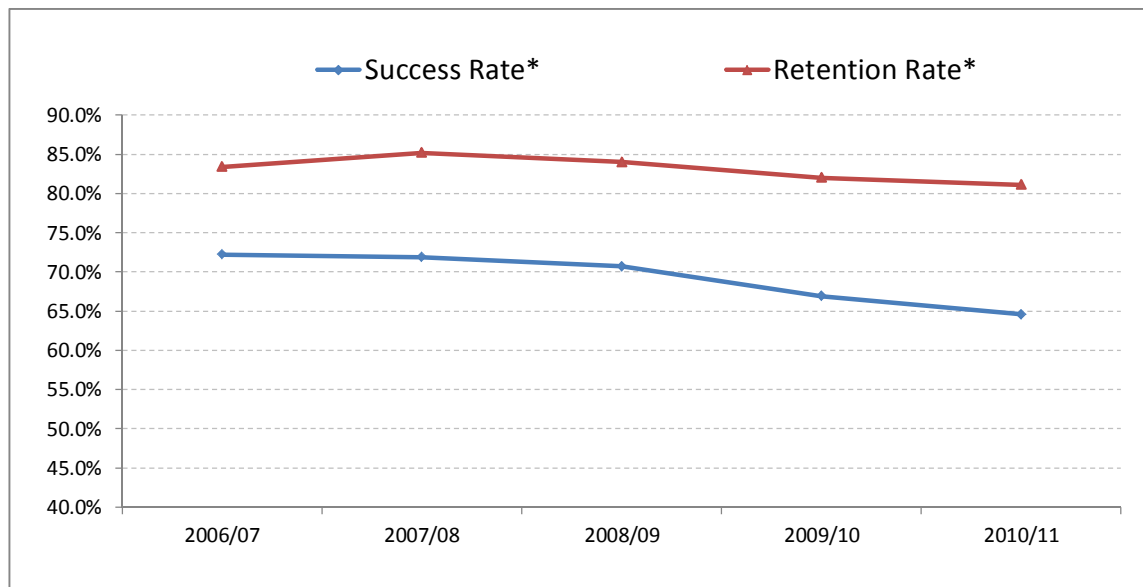
Ave Units Attempted this Academic Year is the average number of units associated with students enrollment for the Academic Year after the add/drop deadli

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



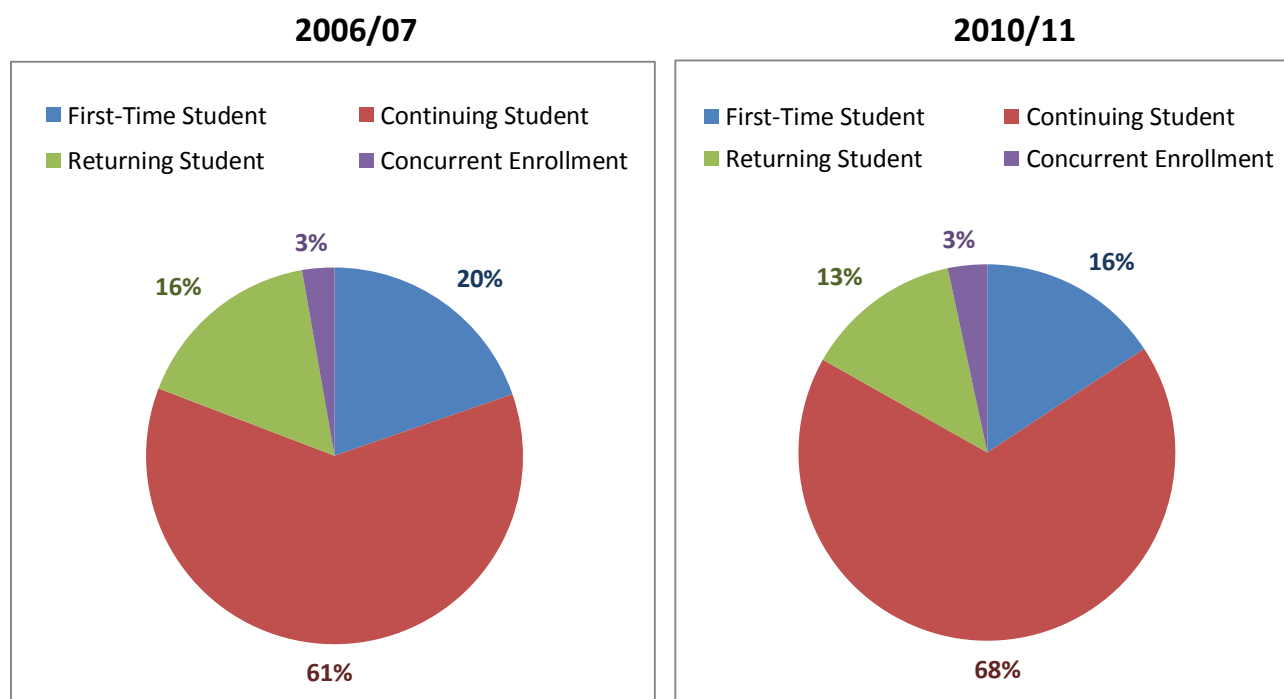
Some questions to get you thinking:

- * 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?

Table 4. Student Enrollment Status Profile

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	First-Time Student	255	297	320	314	265
	Continuing Student	791	796	754	989	1139
	Returning Student	212	216	235	273	227
	Concurrent Enrollment	36	73	66	54	57
	Percent First Time	20%	21%	23%	19%	16%
	Percent Continuing	61%	58%	55%	61%	67%
	Percent Returning	16%	16%	17%	17%	13%
	Percent Concurrent	3%	5%	5%	3%	3%

Data Definitions: **First Time Student** A student that has never attended this DISTRICT, but may have attended or may be currently attending another college.
Continuing Students are those that attended the DISTRICT in immediately previous primary Academic Year. Fall & Spring are primary Academic Years.
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.
Concurrent Enrollment is a student that is attending high school during the Academic Year for which he/she is applying.



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?

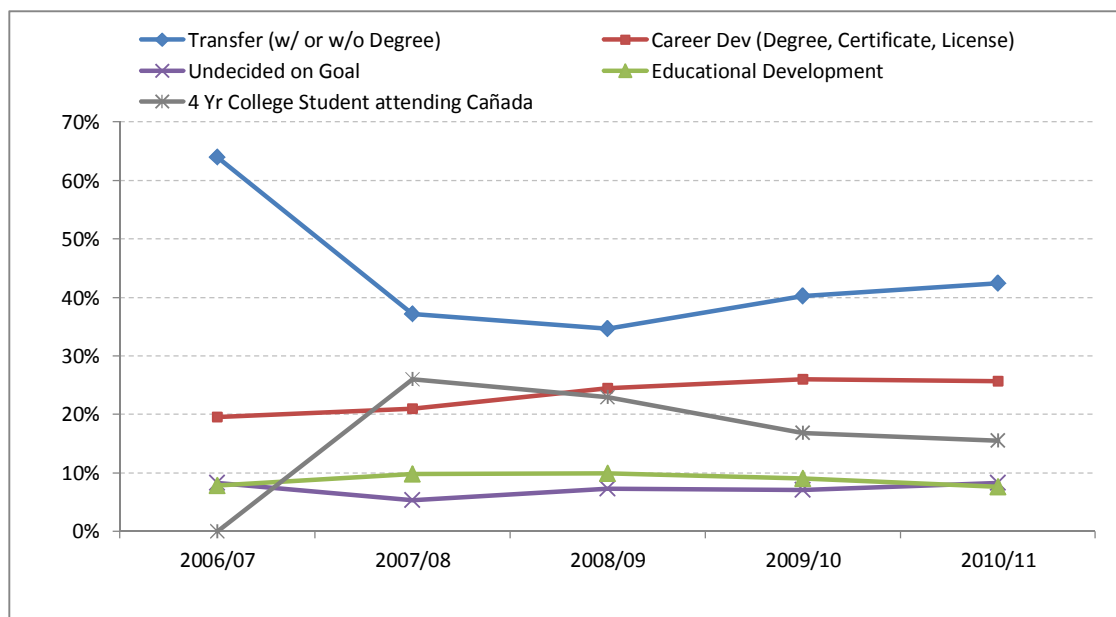
Table 5. Student Goal Orientation

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	Transfer (w/ or w/o Degree)	828	513	476	655	716
	Career Dev (Degree, Certificate, License)	253	290	337	424	433
	Educational Development	102	136	137	148	128
	4 Yr College Student attending Cañada	0	359	315	274	262
	Undecided on Goal	107	73	100	116	139
	% Transfer (w/ or w/o Degree)	64%	37%	35%	40%	42%
	% Career Dev (Degree, Certificate, License)	20%	21%	25%	26%	26%
	% Educational Development	8%	10%	10%	9%	8%
	% 4 Yr College Student attending Cañada	0%	26%	23%	17%	16%
	% Undecided on Goal	8%	5%	7%	7%	8%

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 also includes some degree seeking students.

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?

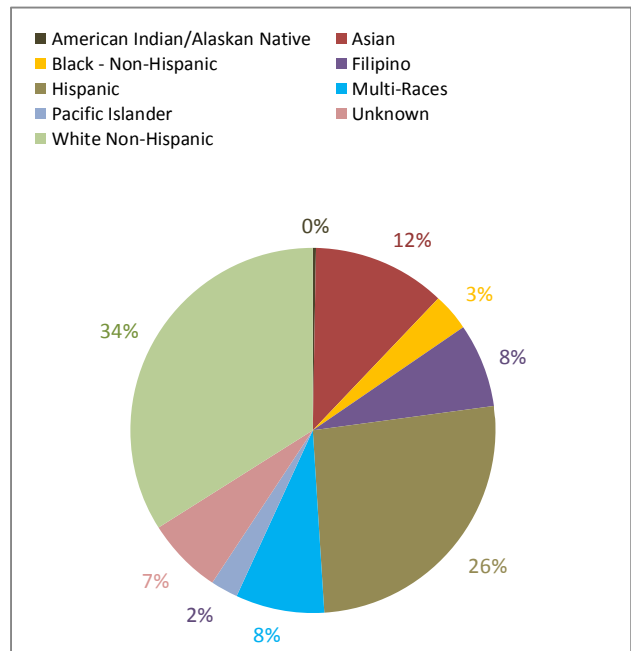
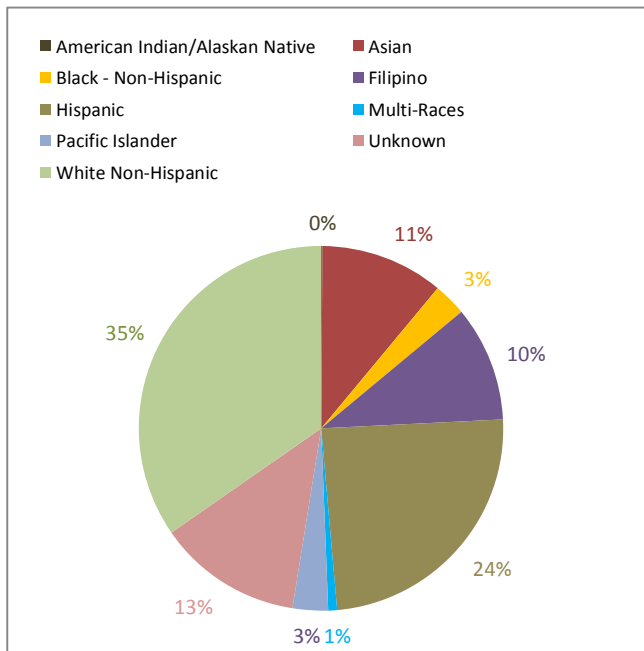
Table 6. Student Demographics - Ethnicity

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	American Indian/Alaskan Native			2	5	5
	Asian			150	181	199
	Black - Non-Hispanic			40	51	56
	Filipino			141	136	126
	Hispanic			335	438	441
	Multi-Races			11	76	133
	Pacific Islander			43	37	41
	Unknown			176	146	114
	White Non-Hispanic			477	560	573
	% American Indian/Alaskan Native			0%	0%	0%
	% Asian			11%	11%	12%
	% Black - Non-Hispanic			3%	3%	3%
	% Filipino			10%	8%	7%
	% Hispanic			24%	27%	26%
	% Multi-Races			1%	5%	8%
	% Pacific Islander			3%	2%	2%
	% Unknown			13%	9%	7%
	% White Non-Hispanic			35%	34%	34%

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

2008/09

2010/11



Some questions to get you thinking:

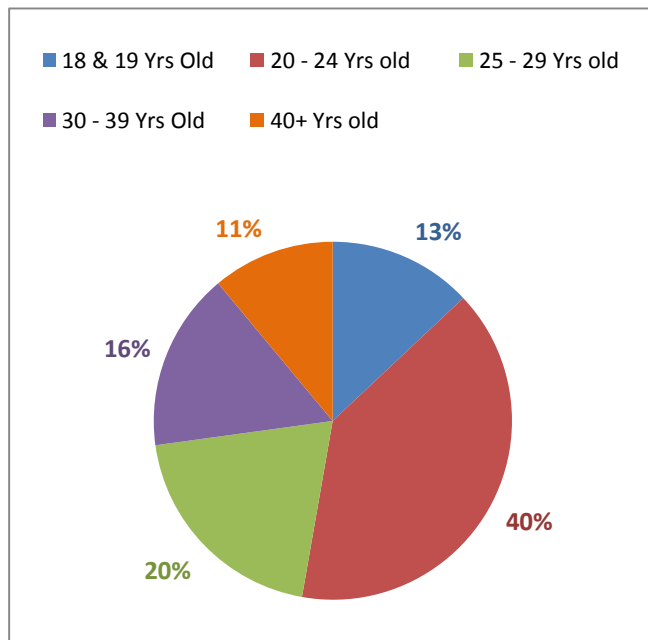
- * How has ethnicity profile of your department changed over the period? How do you interpret those changes?
- * What might be the underlying causes driving any changes?
- * Does this change suggest any response strategy for the department?
- * How does the current picture compare with the college average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

Table 7. Student Demographics - Gender & Age

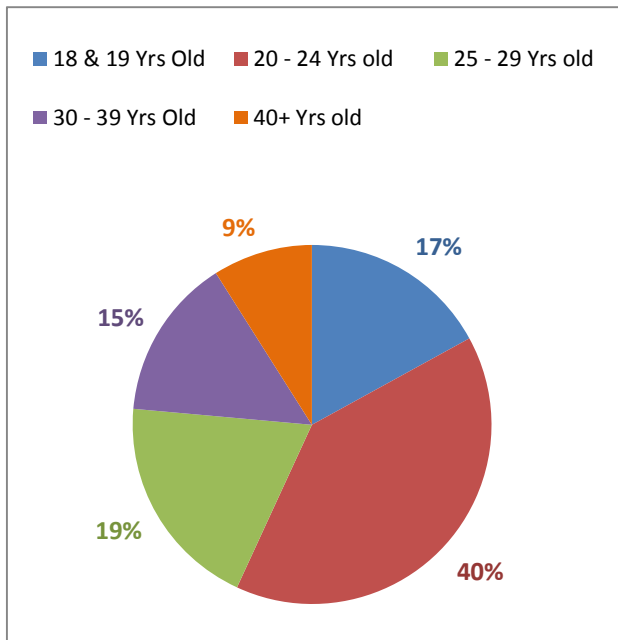
Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	Female	918	961	960	1117	1176
	Male	354	388	381	475	478
	18 & 19 Yrs Old	163	176	214	246	279
	20 - 24 Yrs old	498	506	471	589	652
	25 - 29 Yrs old	251	294	286	329	319
	30 - 39 Yrs Old	202	200	216	248	238
	40+ Yrs old	139	139	124	156	148
	% Female	71%	70%	70%	69%	70%
	% Male	27%	28%	28%	29%	28%
	% 18 & 19 Yrs Old	13%	13%	16%	15%	17%
	% 20 - 24 Yrs old	38%	37%	34%	36%	39%
	% 25 - 29 Yrs old	19%	21%	21%	20%	19%
	% 30 - 39 Yrs Old	16%	14%	16%	15%	14%
	% 40+ Yrs old	11%	10%	9%	10%	9%

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

2006/07



2010/11



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?

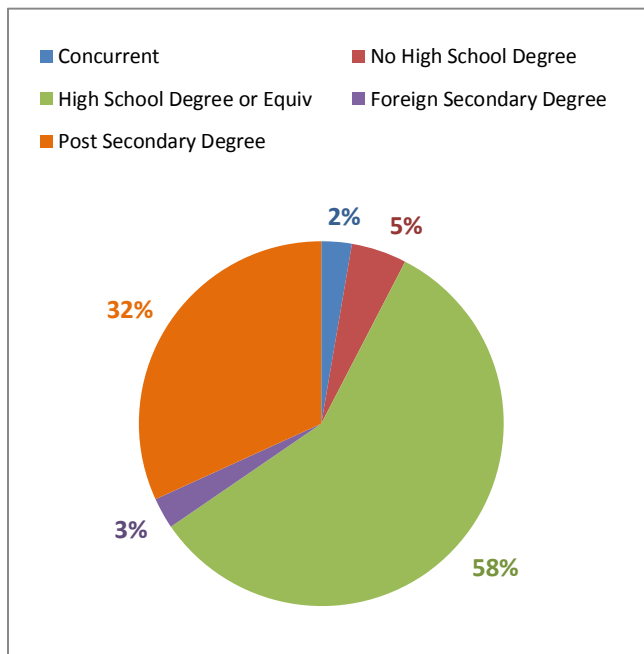
Table 8. Student Education Attainment Level

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
BIOL	Concurrent	36	73	66	54	57
	No High School Degree	65	106	93	98	102
	High School Degree or Equiv	769	841	832	1026	1070
	Foreign Secondary Degree	37	53	34	29	35
	Post Secondary Degree	423	382	416	477	481
	% Concurrent Enrollment	3%	5%	5%	3%	3%
	% No High School Degree	5%	8%	7%	6%	6%
	% High School Degree or Equiv	59%	61%	61%	63%	63%
	% Foreign Secondary Degree	3%	4%	2%	2%	2%
	% Post Secondary Degree	33%	28%	30%	29%	28%

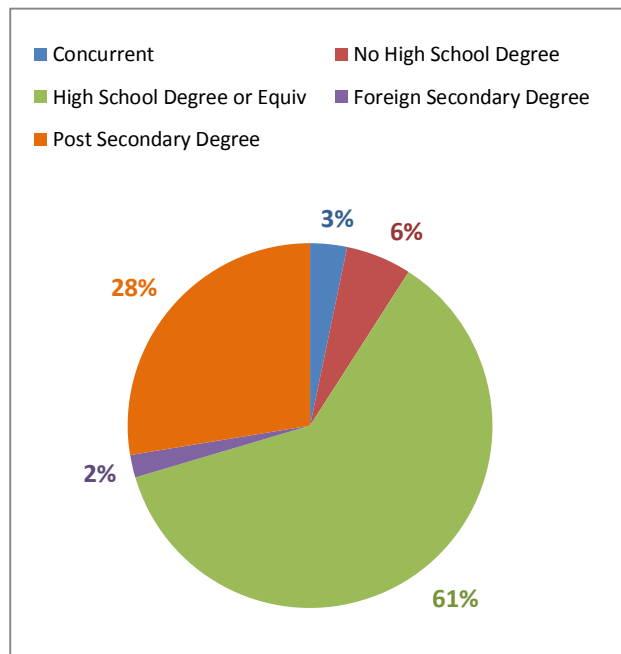
Data Definitions: All counts & percentages reflect the student's primary educational goal as indicated on their first application.

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

2006/07



2010/11



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?