

Table 1. Enrollment Patterns & Course Offerings

Department	Metric	Academic Year				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	Student Headcount	134	177	206	256	275
	Total Course Enrollments	135	197	246	292	324
	# of Course Offerings	5	6	6	7	7
	# of Section Offerings	7	9	9	9	11
	Ave Enrollment per Section*	19.3	21.9	27.3	32.4	29.5

*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.

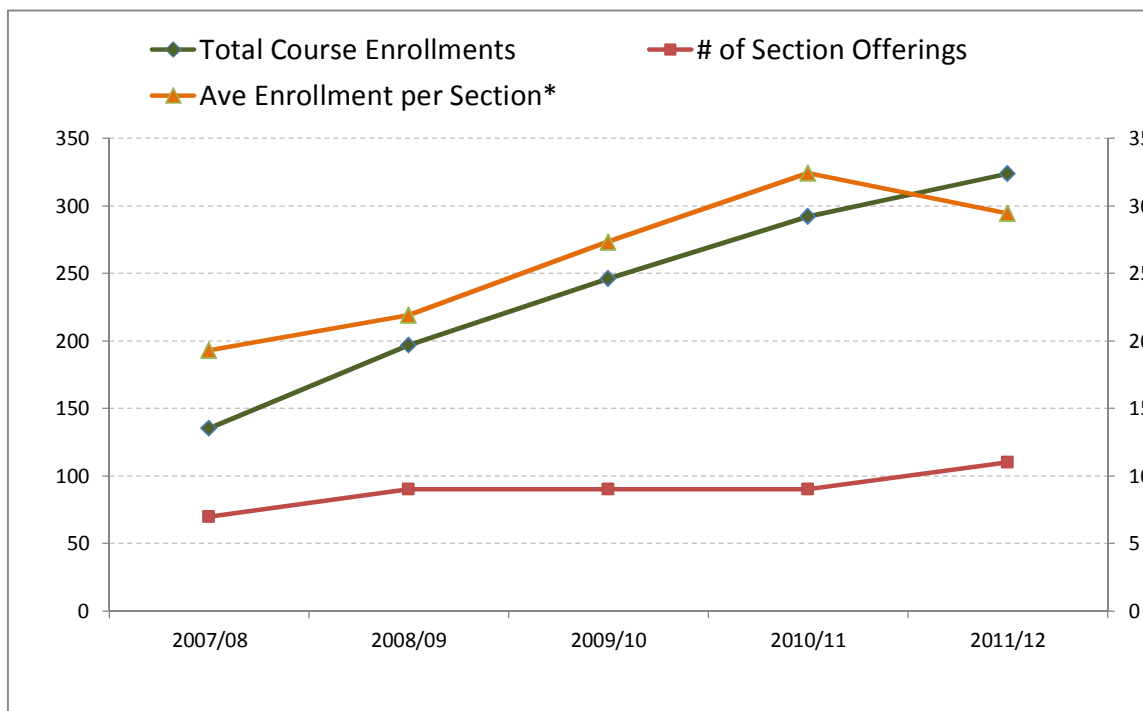
Data Definitions: **Student Headcount** is the count of individual students (no duplicates) enrolled in all courses within the Department

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				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	WSCH	442	714	770	900	987
	FTES	15	24	26	30	33
	FTE	1	2	2	2	2
	Load*	491	446	481	500	470

*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.

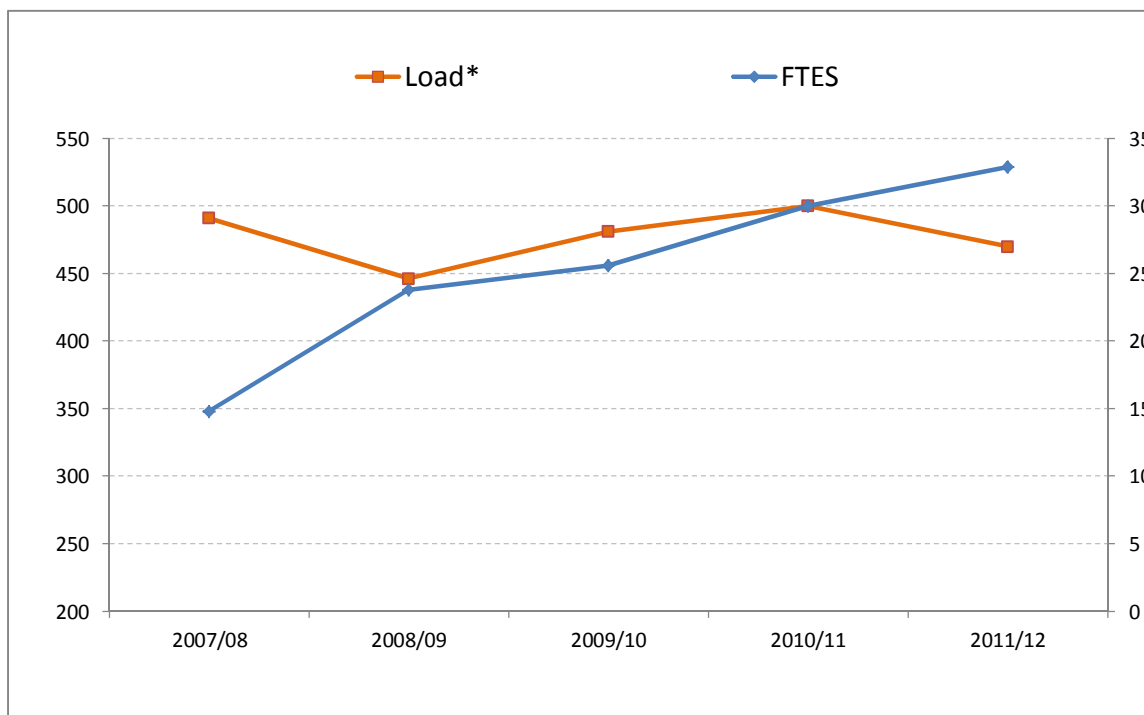
Data Definitions: **WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the department.

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				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	Success Rate*	68.2%	69.0%	64.2%	79.7%	77.0%
	Retention Rate*	85.5%	84.6%	79.9%	88.0%	85.0%
	Ave Units Attempted this Academic Year	8.53	9.28	9.10	9.48	10.37
	Ave Units Earned this Academic Year	6.44	7.18	7.07	7.51	8.45
	Ave Academic Year GPA	2.80	2.87	2.86	2.86	2.97
	Ave Cumulative GPA	2.92	2.87	2.86	2.87	2.92

*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.

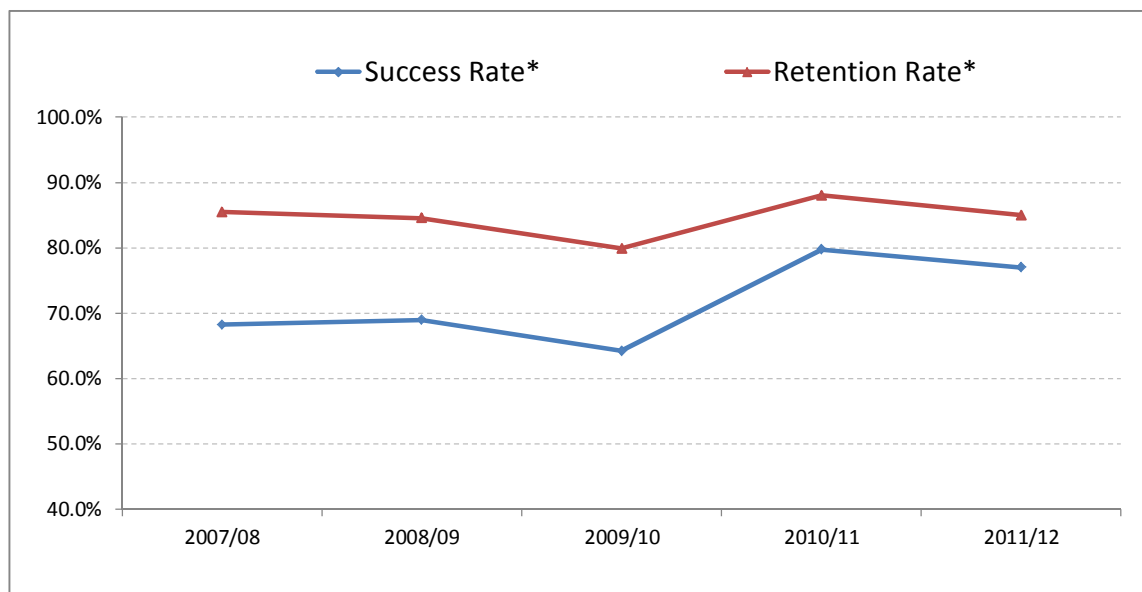
Ave Units Attempted this Academic Year is the average number of units associated with students enrollment for the Academic Year after the add/drop deadli

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



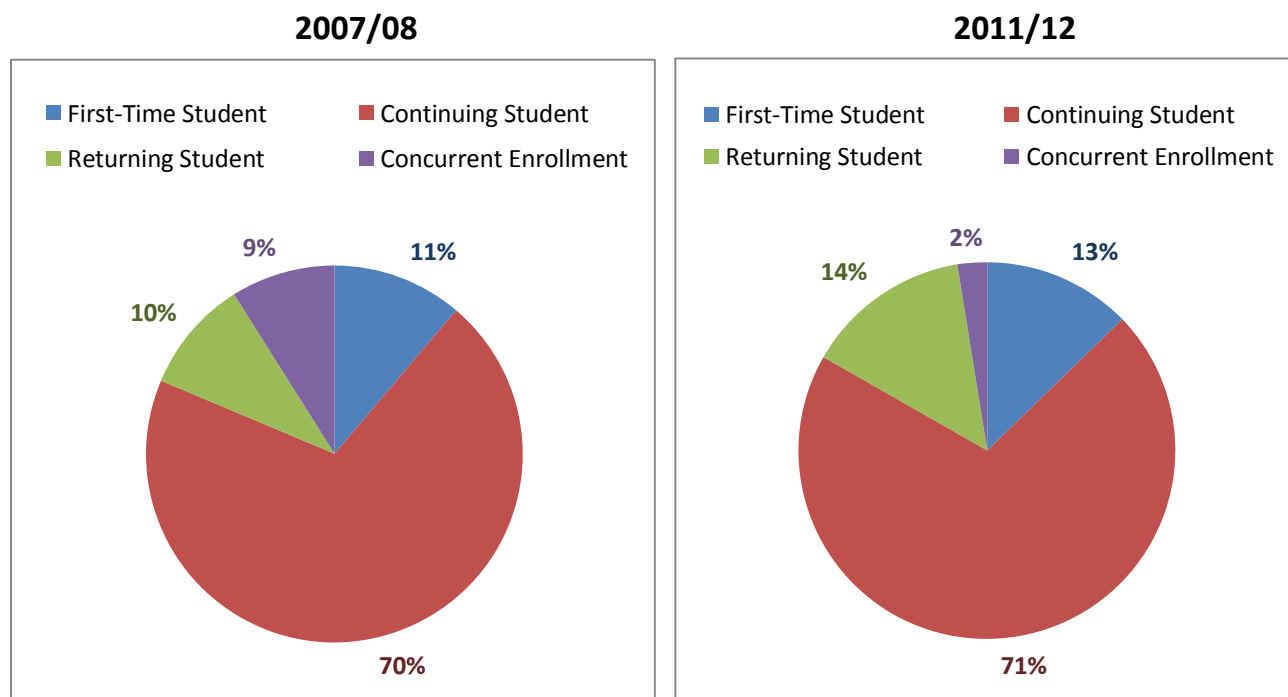
Some questions to get you thinking:

- * 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				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	First-Time Student	15	24	25	21	35
	Continuing Student	94	116	145	202	194
	Returning Student	13	18	20	28	39
	Concurrent Enrollment	12	19	16	5	7
	Percent First Time	11%	14%	12%	8%	13%
	Percent Continuing	70%	66%	70%	79%	71%
	Percent Returning	10%	10%	10%	11%	14%
	Percent Concurrent	9%	11%	8%	2%	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?

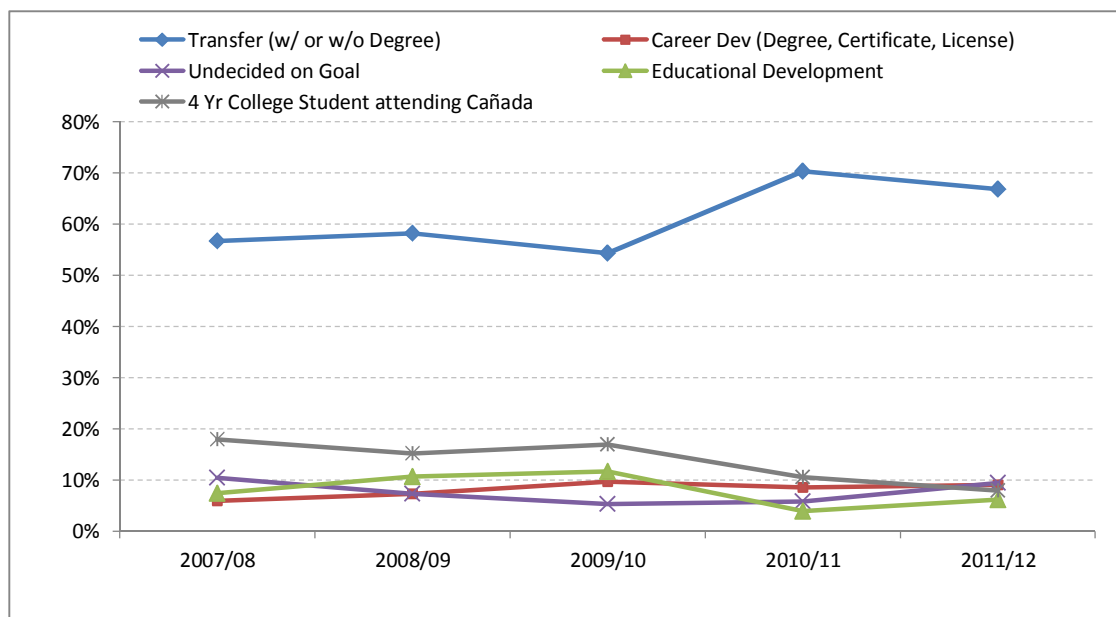
Table 5. Student Goal Orientation

Department	Metric	Academic Year				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	Transfer (w/ or w/o Degree)	76	103	112	180	184
	Career Dev (Degree, Certificate, License)	8	13	20	22	25
	Educational Development	10	19	24	10	17
	4 Yr College Student attending Cañada	24	27	35	27	22
	Undecided on Goal	14	13	11	15	26
	% Transfer (w/ or w/o Degree)	57%	58%	54%	70%	67%
	% Career Dev (Degree, Certificate, License)	6%	7%	10%	9%	9%
	% Educational Development	7%	11%	12%	4%	6%
	% 4 Yr College Student attending Cañada	18%	15%	17%	11%	8%
	% Undecided on Goal	10%	7%	5%	6%	9%

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:

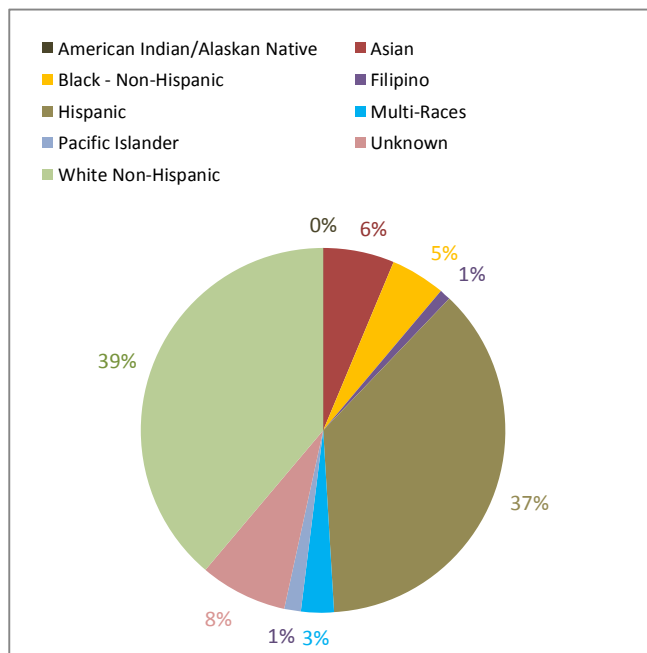
- * What are the most important trends occurring over the period? Do the data match your perceptions ?
- * What do you think are the underlying causes driving these trends ?
- * Does this change suggest any response strategy for the department?
- * How do the department trends compare to the college?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

Table 6. Student Demographics - Ethnicity

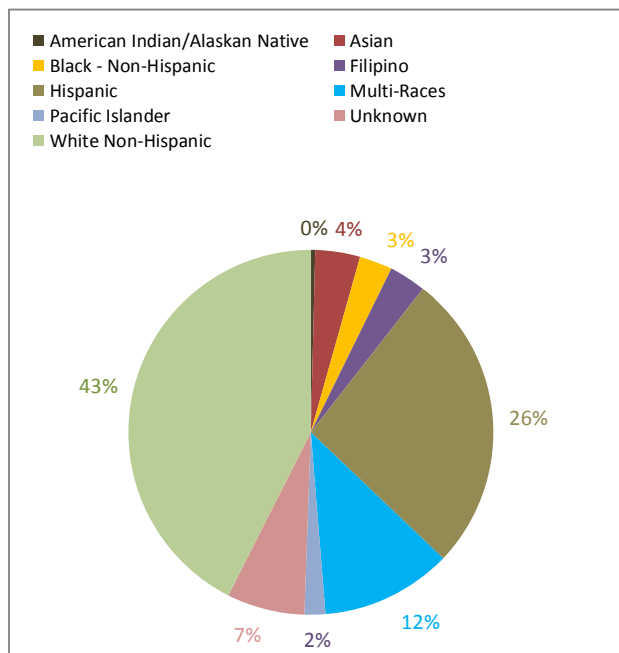
Department	Metric	Academic Year				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	American Indian/Alaskan Native		0	0	0	1
	Asian		7	13	7	11
	Black - Non-Hispanic		10	10	7	8
	Filipino		8	2	6	9
	Hispanic		42	76	84	73
	Multi-Races		4	6	20	32
	Pacific Islander		2	3	2	5
	Unknown		18	16	20	19
	White Non-Hispanic		86	80	110	117
	% American Indian/Alaskan Native		0%	0%	0%	0%
	% Asian		4%	6%	3%	4%
	% Black - Non-Hispanic		6%	5%	3%	3%
	% Filipino		5%	1%	2%	3%
	% Hispanic		24%	37%	33%	27%
	% Multi-Races		2%	3%	8%	12%
	% Pacific Islander		1%	1%	1%	2%
	% Unknown		10%	8%	8%	7%
	% White Non-Hispanic		49%	39%	43%	43%

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

2009/10



2011/12



Some questions to get you thinking:

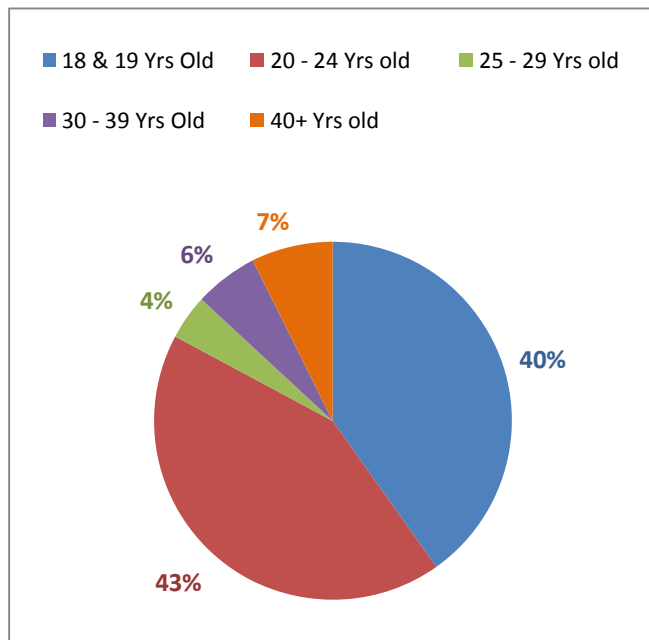
- * How has ethnicity profile of your department changed over the period? How do you interpret those changes?
- * What might be the underlying causes driving any changes?
- * Does this change suggest any response strategy for the department?
- * How does the current picture compare with the college average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

Table 7. Student Demographics - Gender & Age

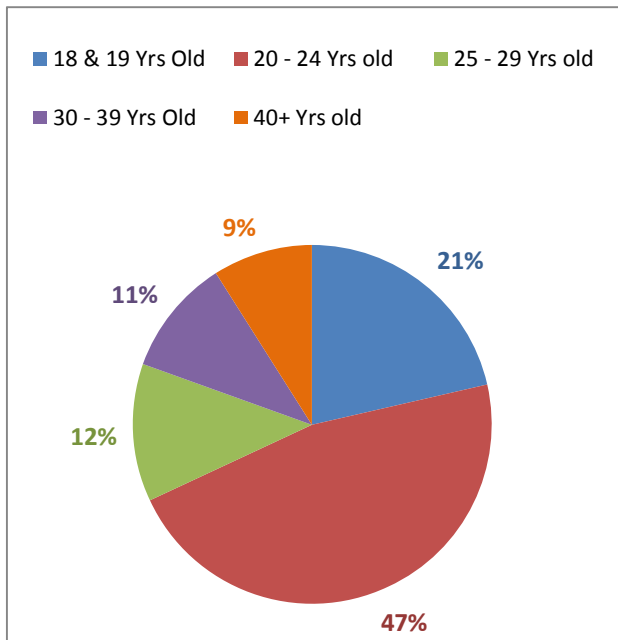
Department	Metric	Academic Year				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	Female	70	92	120	126	150
	Male	61	83	83	127	119
	18 & 19 Yrs Old	49	51	45	57	57
	20 - 24 Yrs old	52	82	98	122	124
	25 - 29 Yrs old	5	17	24	27	33
	30 - 39 Yrs Old	7	8	13	27	28
	40+ Yrs old	9	6	11	15	24
	% Female	52%	52%	58%	49%	55%
	% Male	46%	47%	40%	50%	43%
	% 18 & 19 Yrs Old	37%	29%	22%	22%	21%
	% 20 - 24 Yrs old	39%	46%	48%	48%	45%
	% 25 - 29 Yrs old	4%	10%	12%	11%	12%
	% 30 - 39 Yrs Old	5%	5%	6%	11%	10%
	% 40+ Yrs old	7%	3%	5%	6%	9%

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

2007/08



2011/12



Some questions to get you thinking:

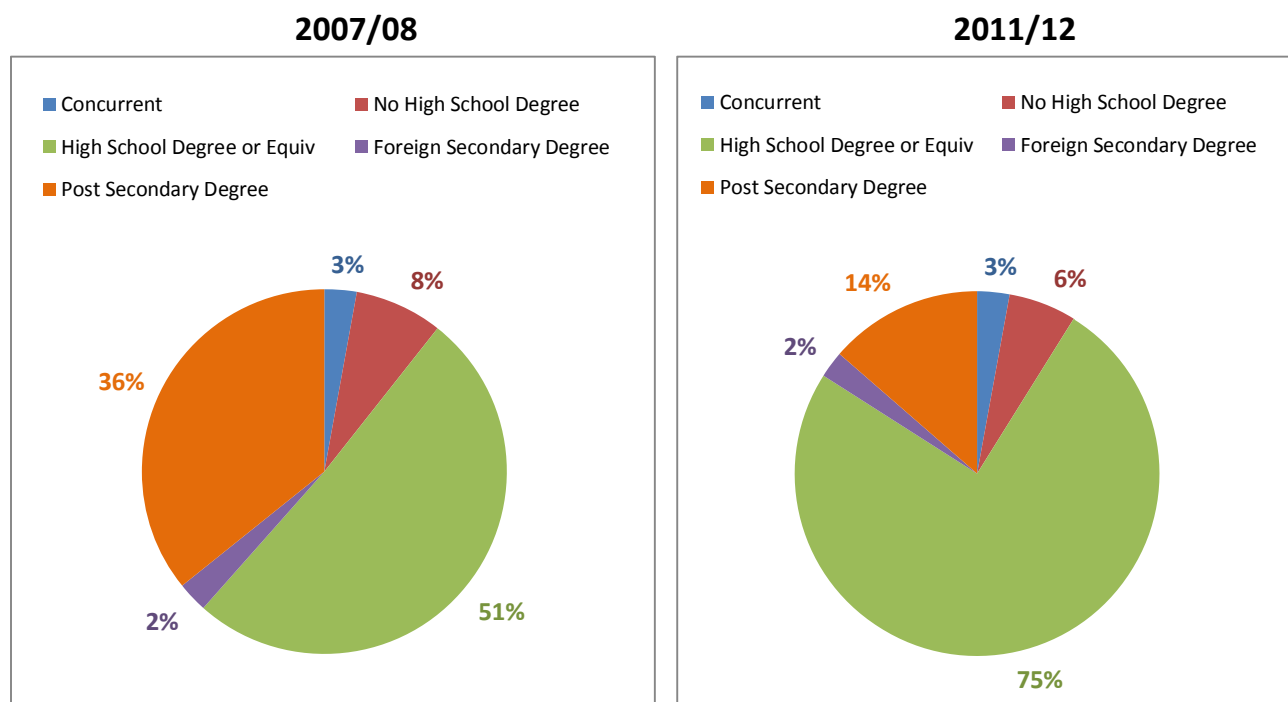
- * Have there been any significant changes in the age profile of your students over the period? How do you interpret those changes?
- * What might be the underlying causes driving any changes? Do you expect the trend to continue?
- * How does the current picture for the department compare with the college?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

Table 8. Student Education Attainment Level

Department	Metric	Academic Year				
		2007/08	2008/09	2009/10	2010/11	2011/12
Earth Science	Concurrent	16	29	47	26	17
	No High School Degree	44	62	79	58	36
	High School Degree or Equiv	286	319	391	498	447
	Foreign Secondary Degree	15	11	8	12	14
	Post Secondary Degree	201	207	219	221	81
	% Concurrent Enrollment	12%	16%	23%	10%	6%
	% No High School Degree	33%	35%	38%	23%	13%
	% High School Degree or Equiv	213%	180%	190%	195%	163%
	% Foreign Secondary Degree	11%	6%	4%	5%	5%
	% Post Secondary Degree	150%	117%	106%	86%	29%

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.



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?