

**Table 1. Enrollment Patterns & Course Offerings**

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
Earth Science	Student Headcount	115	134	177	206	256
	Total Course Enrollments	116	135	197	246	292
	# of Course Offerings	5	5	6	6	7
	# of Section Offerings	8	7	9	9	9
	Ave Enrollment per Section*	14.5	19.3	21.9	27.3	32.4

\*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.

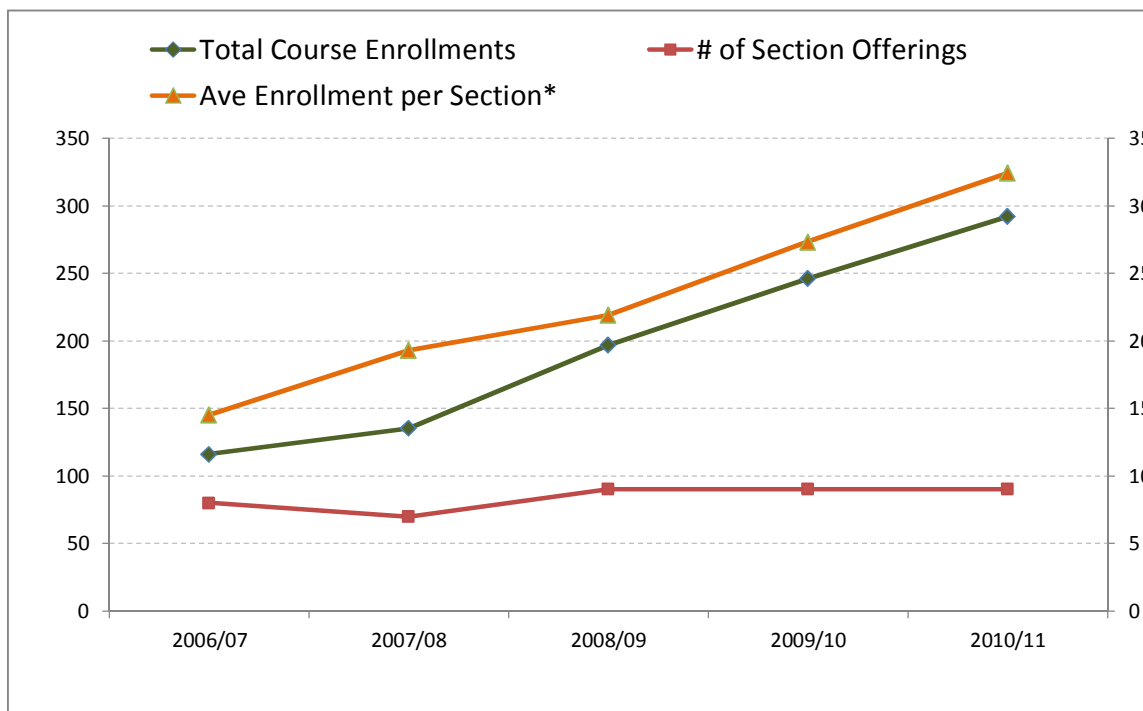
Data Definitions: **Student Headcount** is the count of individual students (no duplicates) enrolled in all courses within the Department

**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
Earth Science	WSCH	392	442	714	770	900
	FTES	13	15	24	26	30
	FTE	1	1	2	2	2
	Load*	360	497	461	478	523

\*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.

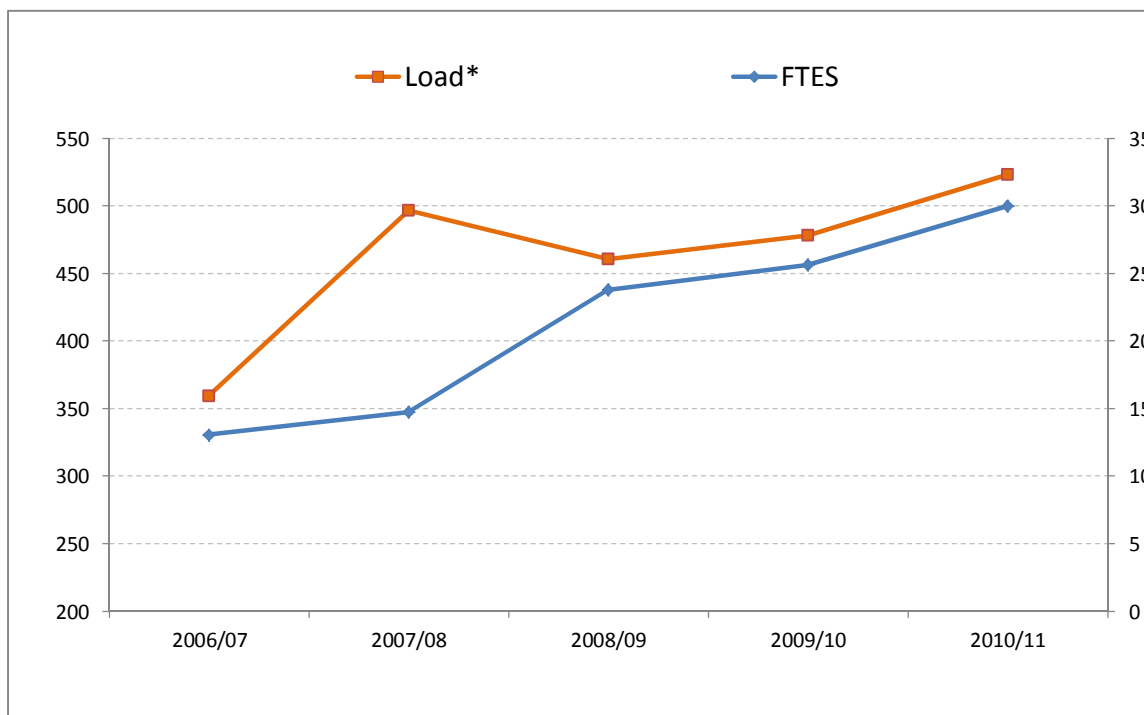
Data Definitions: **WSCH** is the total Weekly Student Contact Hours resulting from all enrollment within the department.

**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				
		2006/07	2007/08	2008/09	2009/10	2010/11
Earth Science	Success Rate*	75.0%	83.6%	83.0%	77.9%	70.3%
	Retention Rate*	86.5%	89.6%	90.4%	86.1%	81.8%
	Ave Units Attempted this Academic Year	7.00	4.74	5.52	5.80	7.94
	Ave Units Earned this Academic Year	5.14	3.54	4.10	4.04	5.41
	Ave Academic Year GPA	2.86	1.37	1.98	2.15	2.60
	Ave Cumulative GPA	3.01	3.15	3.13	3.07	2.80

\*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.

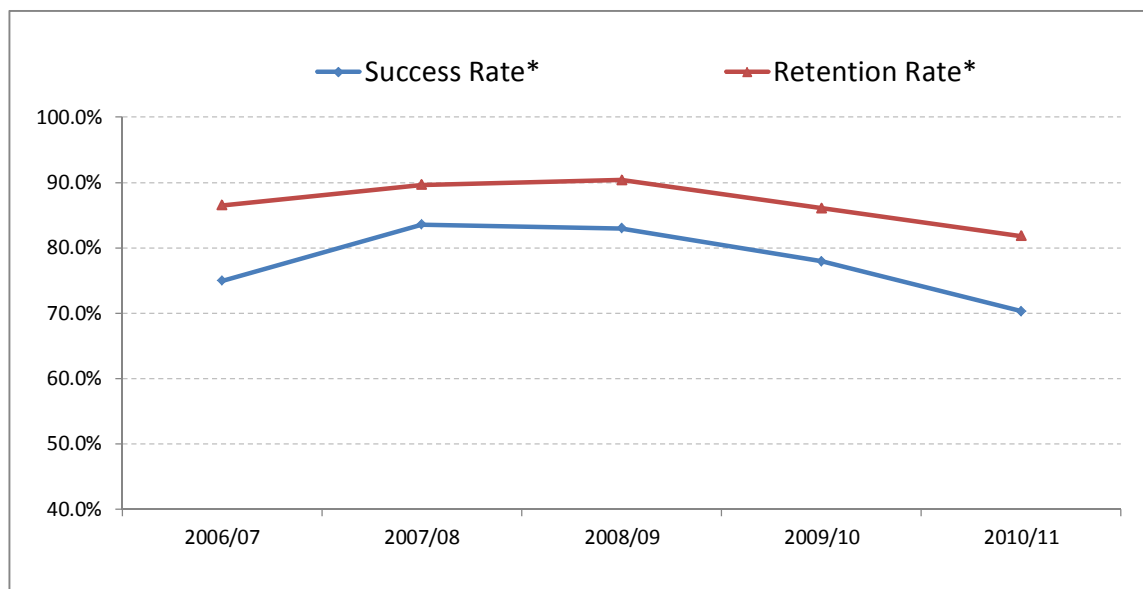
**Ave Units Attempted this Academic Year** is the average number of units associated with students enrollment for the Academic Year after the add/drop deadli

**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



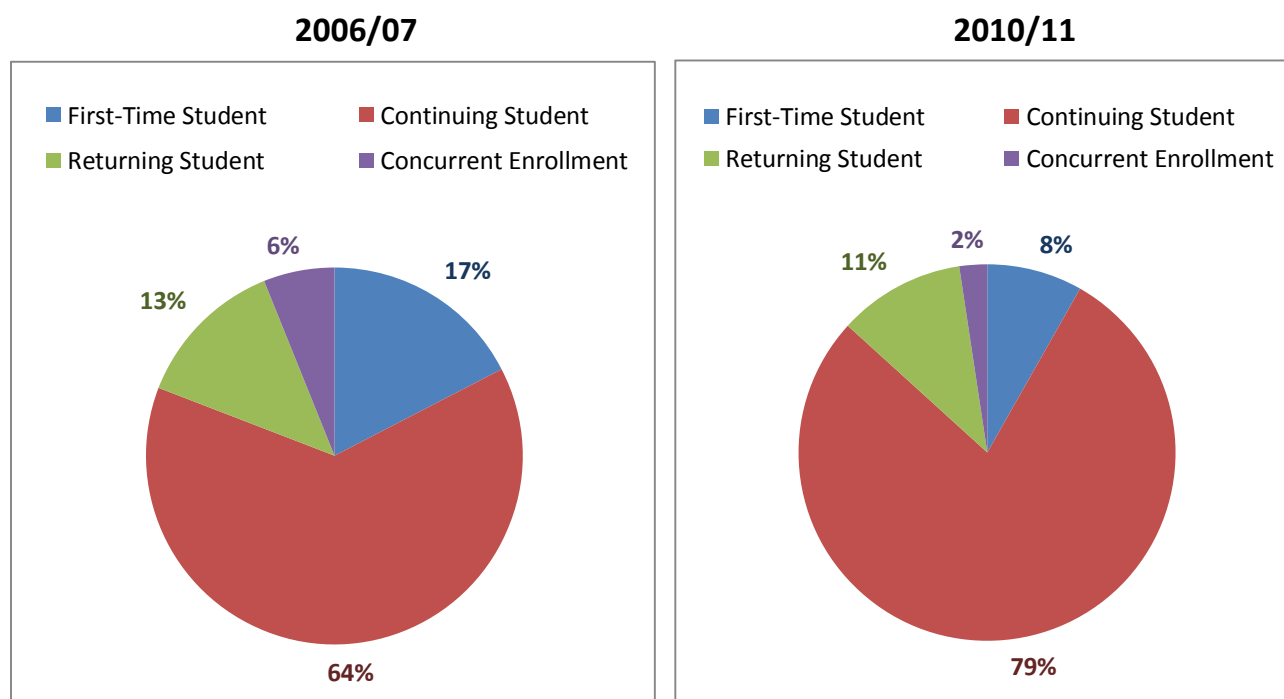
Some questions to get you thinking:

- \* 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
Earth Science	First-Time Student	20	15	24	25	21
	Continuing Student	73	94	116	144	201
	Returning Student	15	13	18	21	28
	Concurrent Enrollment	7	12	19	16	6
	Percent First Time	17%	11%	14%	12%	8%
	Percent Continuing	63%	70%	66%	70%	79%
	Percent Returning	13%	10%	10%	10%	11%
	Percent Concurrent	6%	9%	11%	8%	2%

**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?

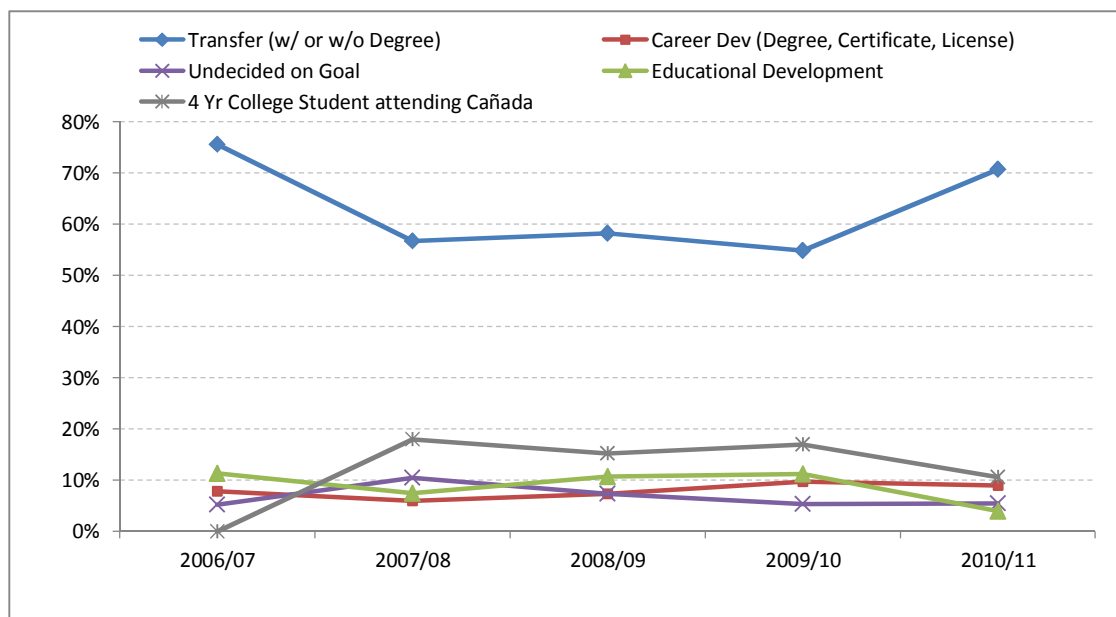
**Table 5. Student Goal Orientation**

Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
Earth Science	Transfer (w/ or w/o Degree)	87	76	103	113	181
	Career Dev (Degree, Certificate, License)	9	8	13	20	23
	Educational Development	13	10	19	23	10
	4 Yr College Student attending Cañada	0	24	27	35	27
	Undecided on Goal	6	14	13	11	14
	% Transfer (w/ or w/o Degree)	76%	57%	58%	55%	71%
	% Career Dev (Degree, Certificate, License)	8%	6%	7%	10%	9%
	% Educational Development	11%	7%	11%	11%	4%
	% 4 Yr College Student attending Cañada	0%	18%	15%	17%	11%
	% Undecided on Goal	5%	10%	7%	5%	5%

**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:

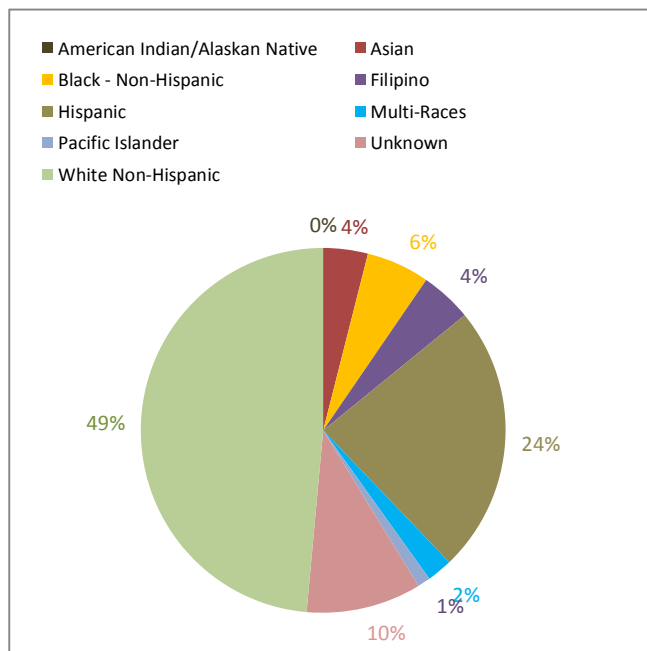
- \* What are the most important trends occurring over the period? Do the data match your perceptions ?
- \* What do you think are the underlying causes driving these trends ?
- \* Does this change suggest any response strategy for the department?
- \* How do the department trends compare to the college?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

**Table 6. Student Demographics - Ethnicity**

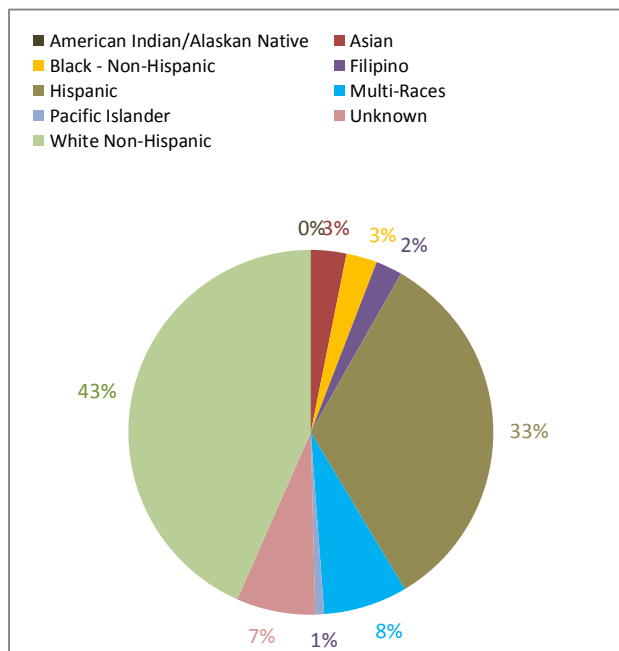
Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
Earth Science	American Indian/Alaskan Native			0	0	0
	Asian			7	13	8
	Black - Non-Hispanic			10	10	7
	Filipino			8	2	6
	Hispanic			42	76	85
	Multi-Races			4	6	19
	Pacific Islander			2	3	2
	Unknown			18	18	18
	White Non-Hispanic			86	78	111
	<hr/>					
	% American Indian/Alaskan Native			0%	0%	0%
	% Asian			4%	6%	3%
	% Black - Non-Hispanic			6%	5%	3%
	% Filipino			5%	1%	2%
	% Hispanic			24%	37%	33%
	% Multi-Races			2%	3%	7%
	% Pacific Islander			1%	1%	1%
% Unknown			10%	9%	7%	
% White Non-Hispanic			49%	38%	43%	

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

**2008/09**



**2010/11**



Some questions to get you thinking:

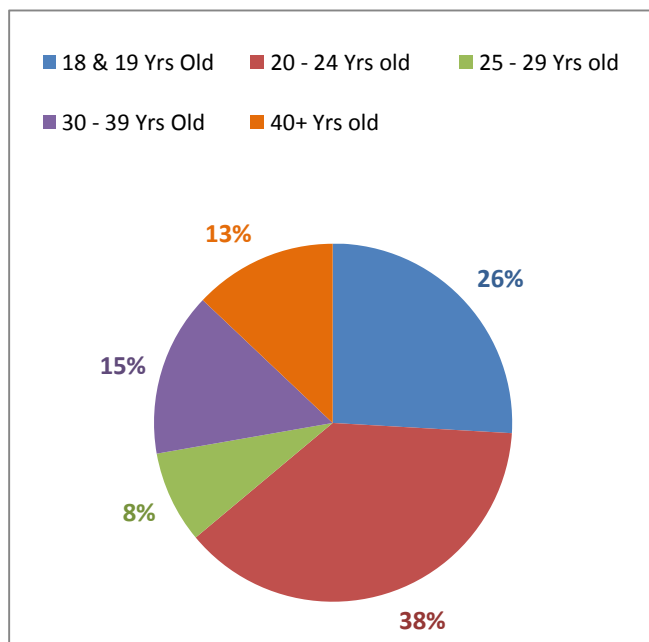
- \* How has ethnicity profile of your department changed over the period? How do you interpret those changes?
- \* What might be the underlying causes driving any changes?
- \* Does this change suggest any response strategy for the department?
- \* How does the current picture compare with the college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

**Table 7. Student Demographics - Gender & Age**

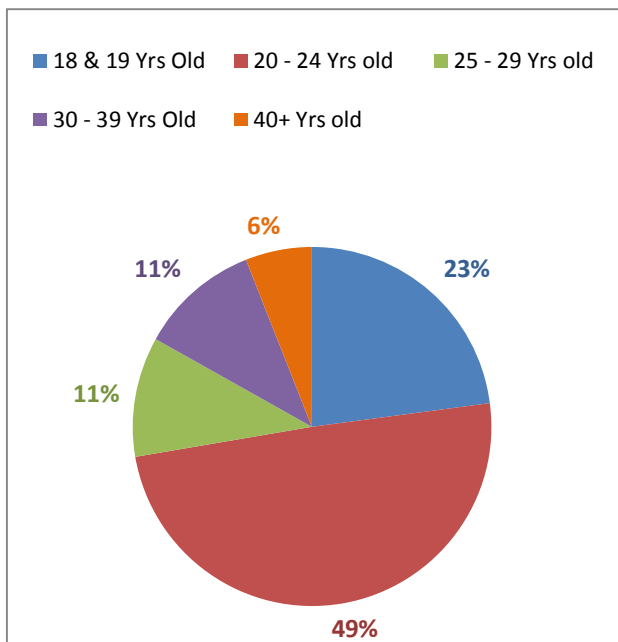
Department	Metric	Academic Year				
		2006/07	2007/08	2008/09	2009/10	2010/11
Earth Science	Female	77	70	92	120	127
	Male	37	61	83	83	126
	18 & 19 Yrs Old	28	49	51	46	57
	20 - 24 Yrs old	41	52	82	97	123
	25 - 29 Yrs old	9	5	17	24	27
	30 - 39 Yrs Old	16	7	8	13	27
	40+ Yrs old	14	9	6	11	15
	% Female	67%	52%	52%	58%	50%
	% Male	32%	46%	47%	40%	49%
	% 18 & 19 Yrs Old	24%	37%	29%	22%	22%
	% 20 - 24 Yrs old	36%	39%	46%	47%	48%
	% 25 - 29 Yrs old	8%	4%	10%	12%	11%
	% 30 - 39 Yrs Old	14%	5%	5%	6%	11%
	% 40+ Yrs old	12%	7%	3%	5%	6%

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

**2006/07**



**2010/11**



Some questions to get you thinking:

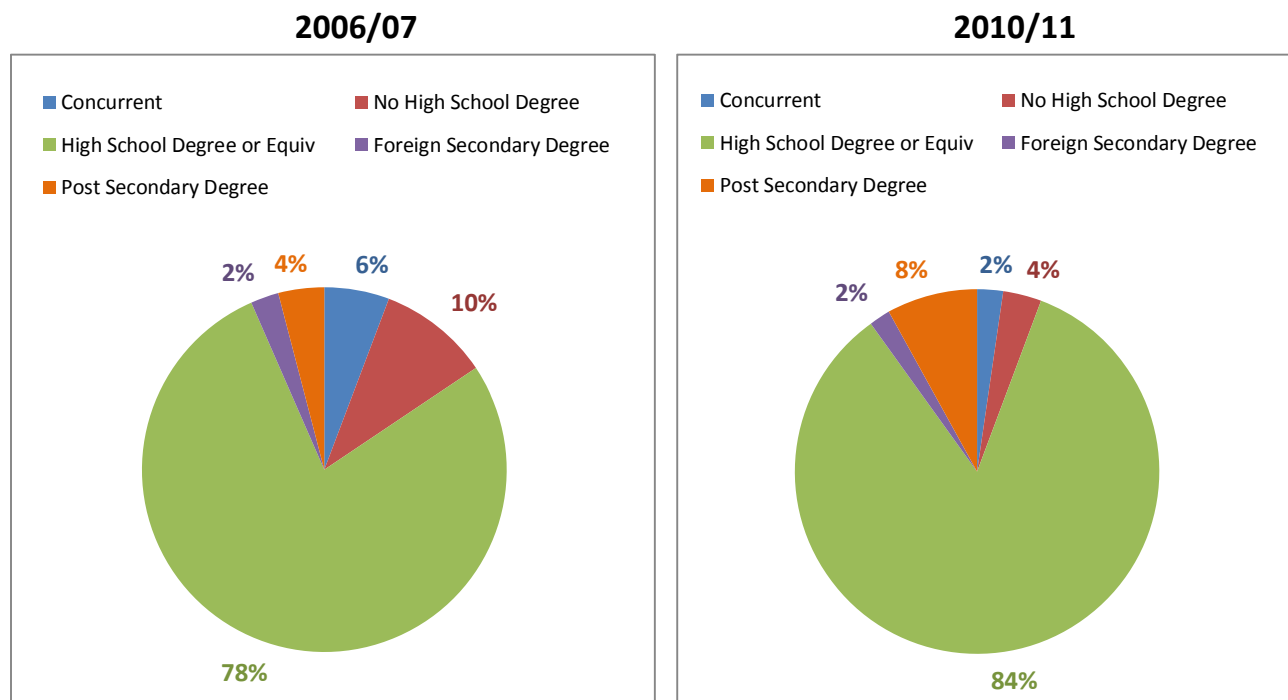
- \* Have there been any significant changes in the age profile of your students over the period? How do you interpret those changes?
- \* What might be the underlying causes driving any changes? Do you expect the trend to continue?
- \* How does the current picture for the department compare with the 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
Earth Science	Concurrent	7	12	19	16	6
	No High School Degree	12	17	24	27	9
	High School Degree or Equiv	95	103	143	167	221
	Foreign Secondary Degree	3	6	4	3	5
	Post Secondary Degree	5	8	6	9	21
	% Concurrent Enrollment	6%	9%	11%	8%	2%
	% No High School Degree	10%	13%	14%	13%	4%
	% High School Degree or Equiv	83%	77%	81%	81%	86%
	% Foreign Secondary Degree	3%	4%	2%	1%	2%
	% Post Secondary Degree	4%	6%	3%	4%	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 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?