Program Review Department Data Packet -   HSCI

Enrollment Patterns & Course Offerings

Department	Metric	Academic Year				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	Unique Headcount	339	512	439	564	532
	Total Course Enrollments	553	834	629	781	694
	# of Course Offerings	10	16	15	18	11
	# of Section Offerings	22	32	30	33	23
	Ave Enrollment per Section*	25.1	26.1	21.0	23.7	30.2

*Color Coding: Pink cells contain values at least 10% lower than the college average; blue cells at least 10% above the college average.
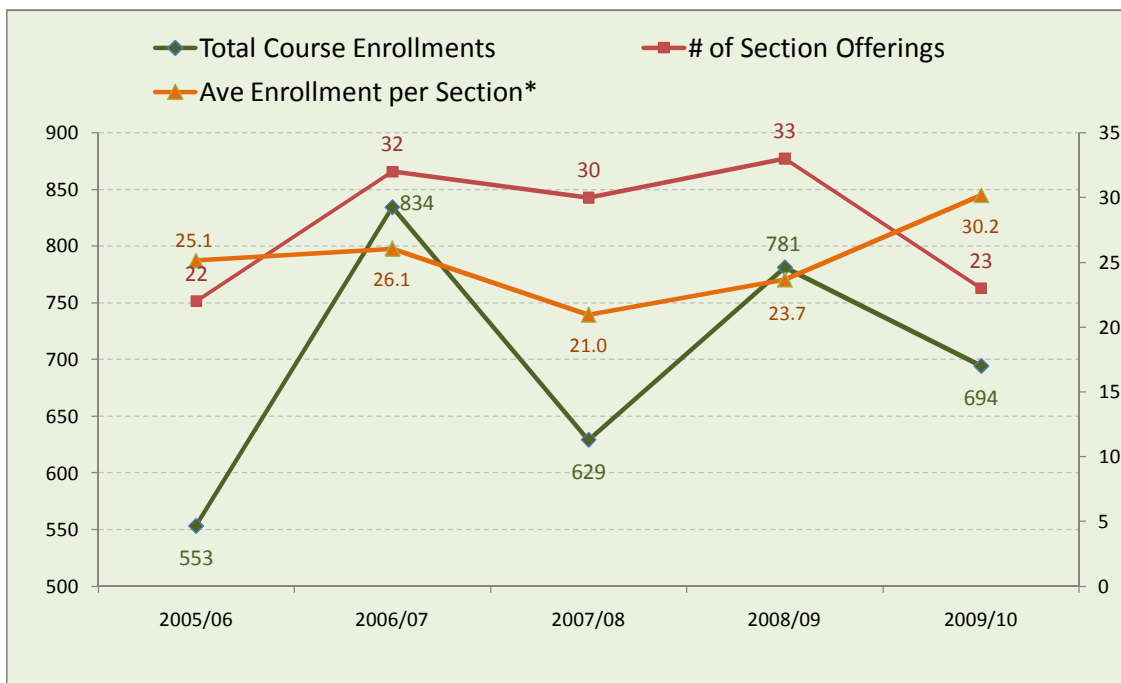
Data Definitions: **Unique Headcount** is the count of individual students (no duplicates) enrolled in any courses within the Department

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?

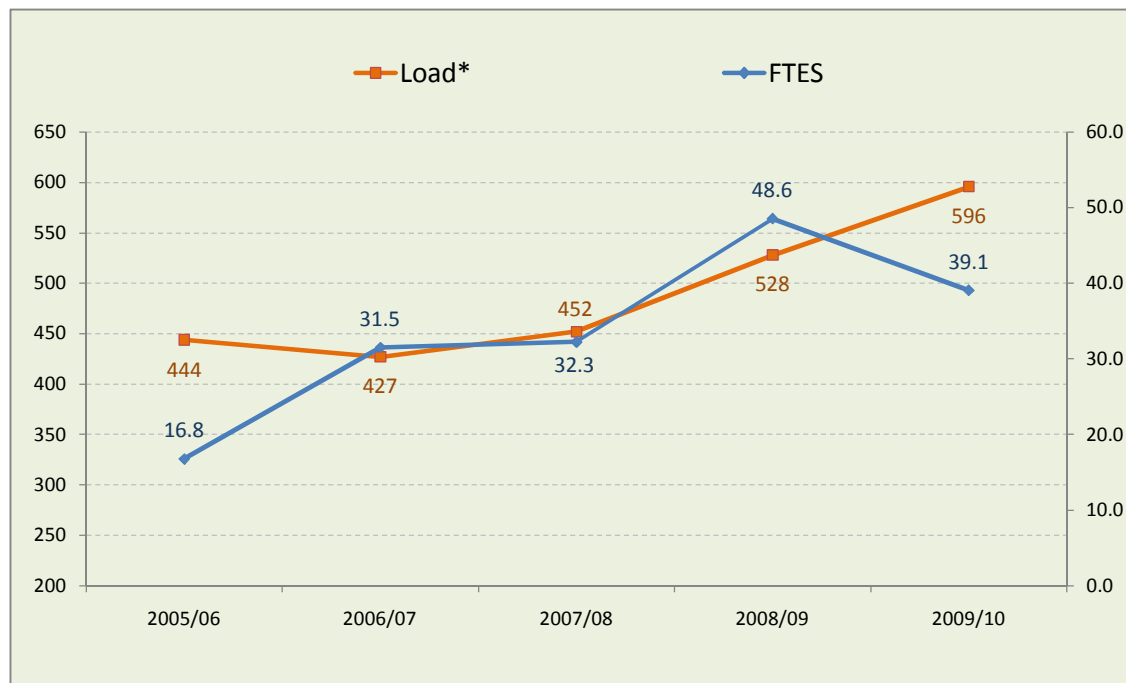* Do the trends suggest any goals or enrollment targets for the department?

Department Efficiency

Department	Metric	Academic Year				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	WSCH	503	946	967	1457	1172
	FTES	16.8	31.5	32.3	48.6	39.1
	FTE	1.13	2.21	2.14	2.76	1.97
	Load*	444	427	452	528	596

*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: **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				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	Success Rate*	81.6%	84.2%	89.0%	84.1%	83.4%
	Retention Rate*	95.8%	97.0%	97.3%	96.9%	95.0%
	Ave Units Attempted this Academic Year	6.71	6.31	5.84	6.28	6.85
	Ave Units Earned this Academic Year	5.45	5.24	4.85	5.04	5.53
	Ave Academic Year GPA	3.06	3.13	3.05	3.07	2.98
	Ave Cumulative GPA	3.06	2.99	3	3.03	2.96

*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 deadline.

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.
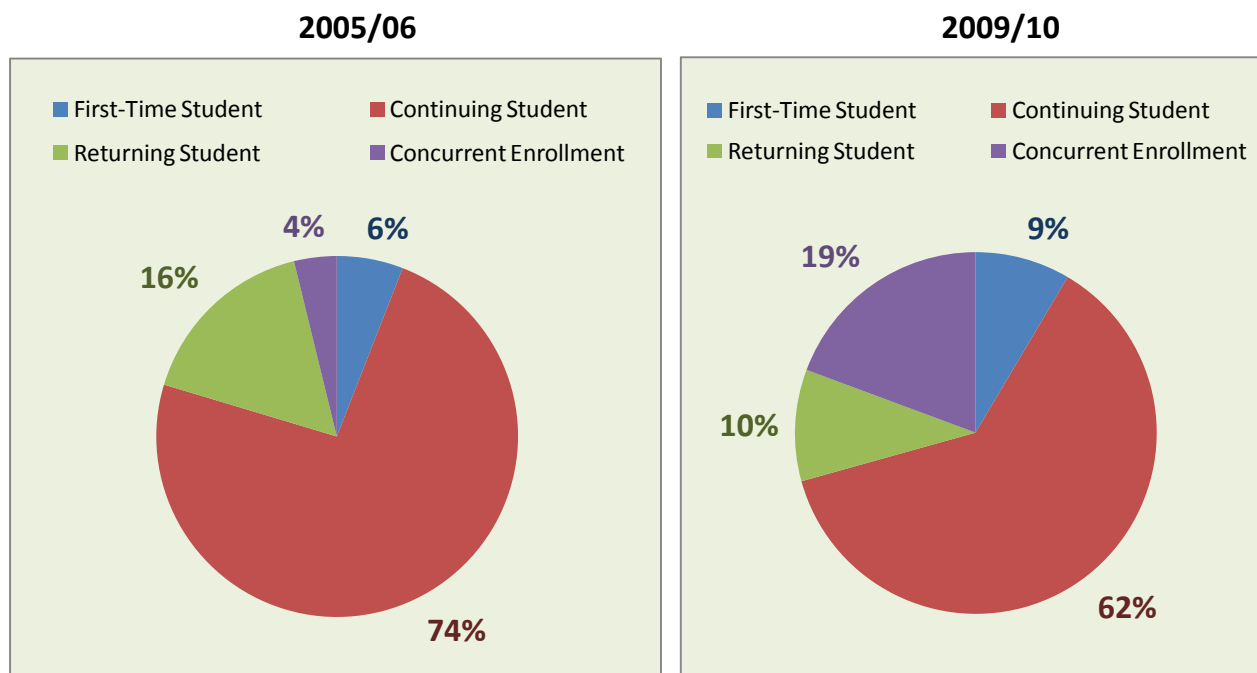
Student Performance Profile

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				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	First-Time Student	20	52	20	47	45
	Continuing Student	250	329	254	341	331
	Returning Student	56	69	47	61	53
	Concurrent Enrollment	13	62	118	115	103
	Percent First Time	6%	10%	5%	8%	8%
	Percent Continuing	74%	64%	58%	60%	62%
	Percent Returning	17%	13%	11%	11%	10%
	Percent Concurrent	4%	12%	27%	20%	19%

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.

2005/06

2009/10

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?
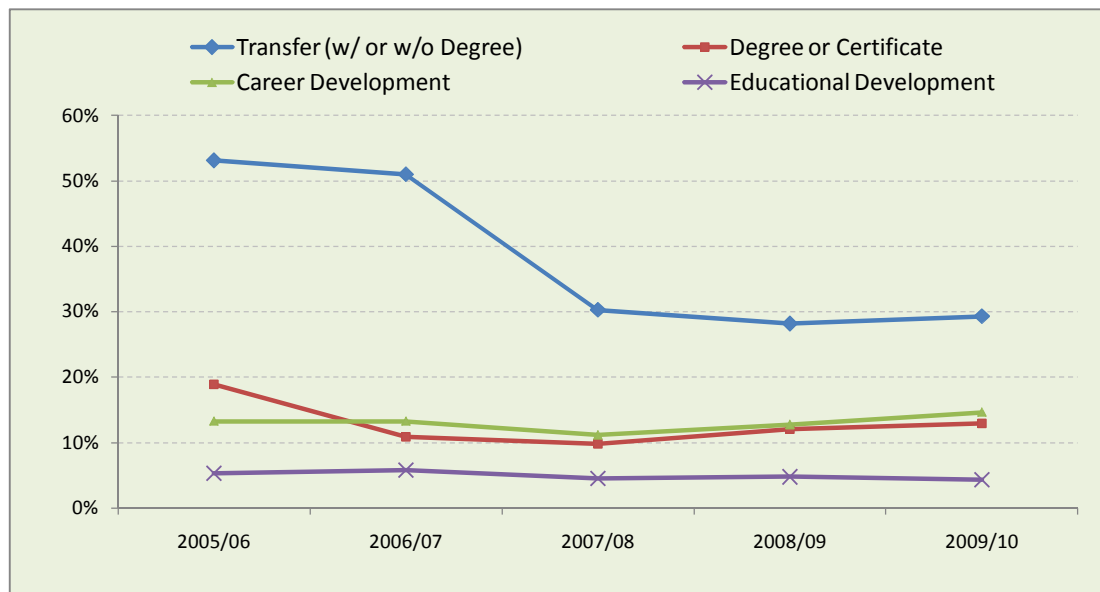
Student Goal Orientation

Department	Metric	Academic Year				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	Transfer (w/ or w/o Degree)	180	261	133	159	156
	Degree or Certificate	64	56	43	68	69
	Career Development	45	68	49	72	78
	Educational Development	18	30	20	27	23
	Undecided	11	62	170	175	148
	Other Goal	19	32	17	53	47
	Percent Transfer	53%	51%	30%	28%	29%
	Percent Degree or Certificate	19%	11%	10%	12%	13%
	Percent Career Development	13%	13%	11%	13%	15%
	Percent Education Development	5%	6%	5%	5%	4%
	Percent Undecided	3%	12%	39%	31%	28%
	Percent Other	6%	6%	4%	9%	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 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.
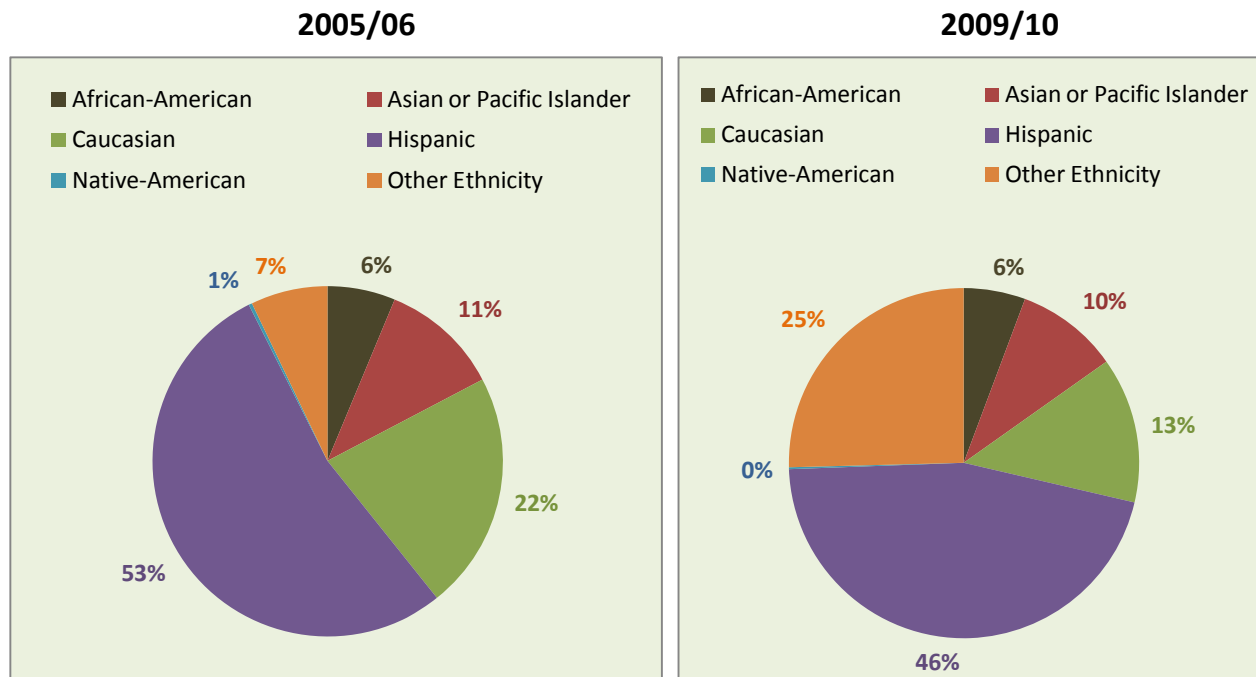
Sample of Student Goal Orientation

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				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	African-American	21	27	30	27	30
	Asian or Pacific Islander	37	73	45	58	50
	Caucasian	74	117	96	142	71
	Hispanic	179	252	231	255	242
	Native-American	1	2	2	3	1
	Other Ethnicity	24	38	33	75	134
	Percent African-American	6%	5%	7%	5%	6%
	Percent Asian or Pacific Islander	11%	14%	10%	10%	9%
	Percent Caucasian	22%	23%	22%	25%	13%
	Percent Hispanic	53%	49%	53%	45%	45%
	Percent Native-American	0%	0%	0%	1%	0%
	Percent Other Ethnicity	7%	7%	8%	13%	25%

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

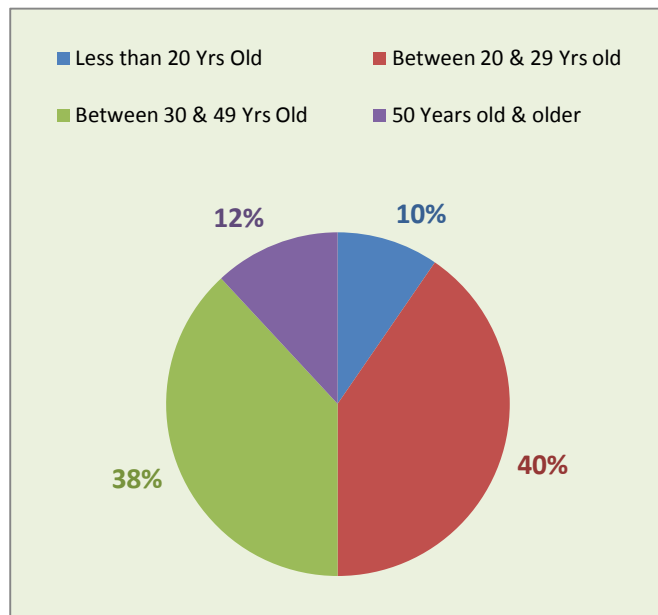### 2005/06

2009/10

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?
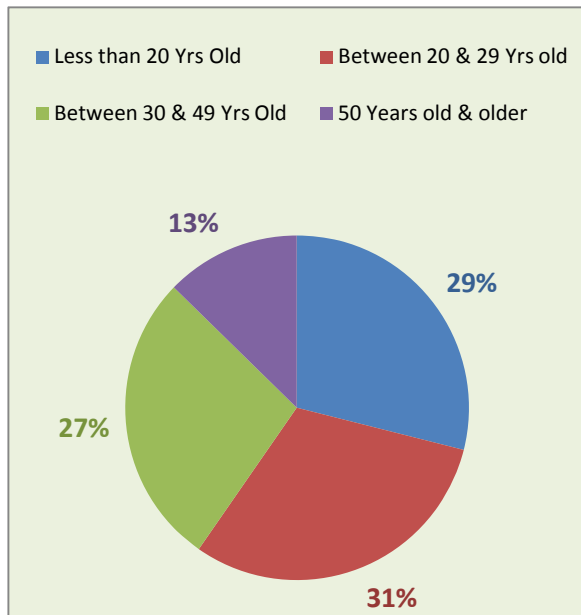
Student Demographics - Gender & Age

Department	Metric	Academic Year				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	Female	275	392	328	403	399
	Male	56	112	93	143	122
	Less than 20 Yrs Old	32	93	138	141	153
	Between 20 & 29 Yrs old	136	179	132	188	162
	Between 30 & 49 Yrs Old	128	186	120	161	146
	50 Years old & older	40	51	47	70	67
	% Female	81%	77%	75%	71%	75%
	% Male	17%	22%	21%	25%	23%
	% Less than 20 yrs old	9%	18%	31%	25%	29%
	% Between 20 & 29 yrs old	40%	35%	30%	33%	30%
	% Between 30 and 49 yrs old	38%	36%	27%	29%	27%
	% 50 Years old & older	12%	10%	11%	12%	13%

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

2005/06

2009/10

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?

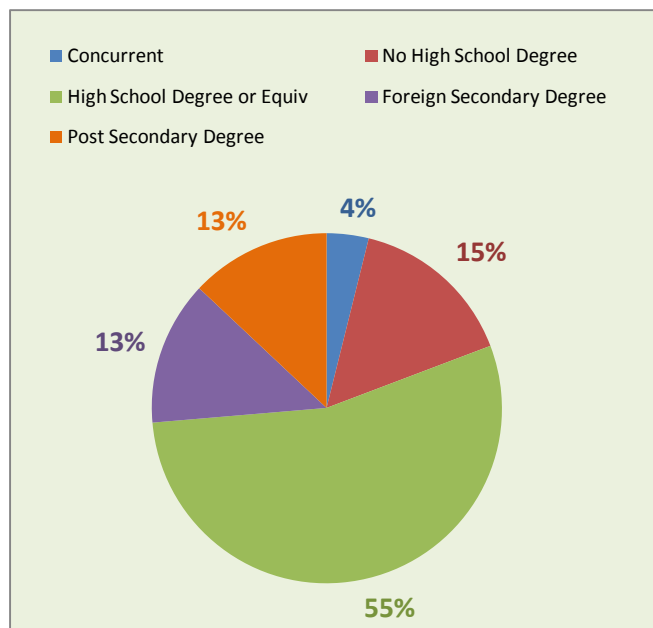## Student Education Attainment Level

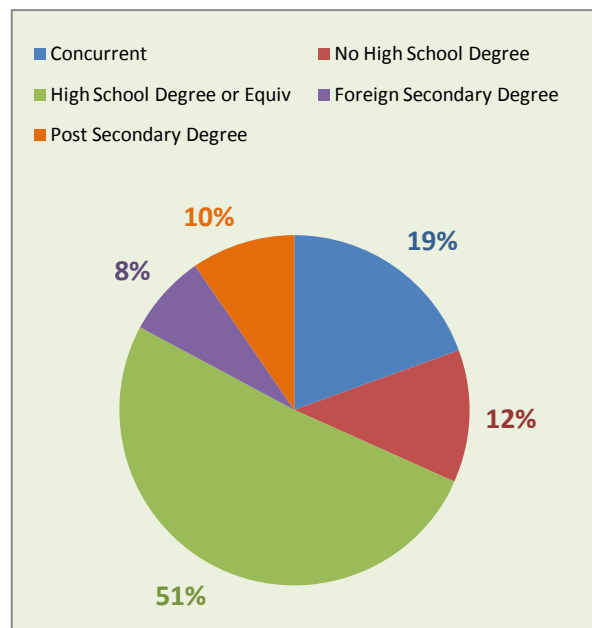| Department	Metric	Academic Year				
		2005/06	2006/07	2007/08	2008/09	2009/10
HSCI	Concurrent	13	62	118	115	103
	No High School Degree	52	73	39	45	65
	High School Degree or Equiv	184	254	198	277	271
	Foreign Secondary Degree	45	52	23	39	40
	Post Secondary Degree	44	70	59	84	51
	% Concurrent Enrollment	4%	12%	27%	20%	19%
	% No High School Degree	15%	14%	9%	8%	12%
	% High School Degree or Equiv	54%	50%	45%	49%	51%
	% Foreign Secondary Degree	13%	10%	5%	7%	8%
	% Post Secondary Degree	13%	14%	13%	15%	10%

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.

2005/06

2009/10

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?