

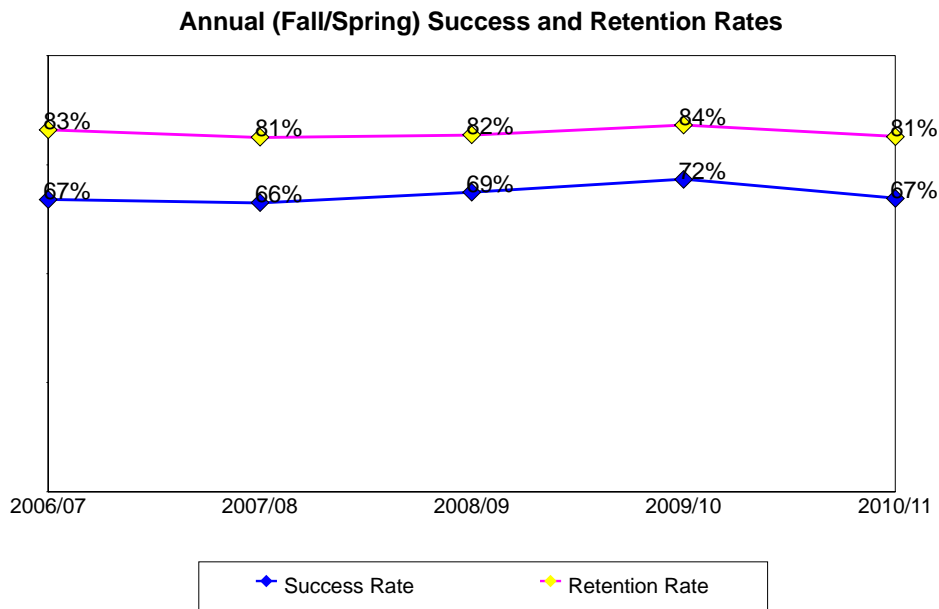
## Biology Department Success and Retention 2006/07 through 2010/11

This report contains success and retention rates by various demographic segments and by course. Annual data are an aggregate of the fall and spring semesters. The following parameters have been applied:

- Success Counts: Number of students with A,B,C,CR grades.
- Success Rate: The percentage of students who complete a course with a grade of A,B,C,CR out of total enrollments.
- Retention Counts: Number of students with A,B,C,D,F,CR,NC, I grades.
- Retention Rate: The percentage of students who complete a course with a grade of A,B,C,D,F,CR,NC, I out of total headcount.

### Annual Success and Retention

	Enrollments	Success Count	Success Rate	Retention Count	Retention Rate
2006/07	1,798	1,205	67%	1,492	83%
2007/08	2,027	1,344	66%	1,648	81%
2008/09	2,313	1,589	69%	1,893	82%
2009/10	2,468	1,768	72%	2,076	84%
2010/11	2,584	1,739	67%	2,105	81%
Change from 2009/10 to 2010/11	116	-29	-4%	29	-3%
<b>Totals &amp; Averages</b>	<b>11,190</b>	<b>7,645</b>	<b>68%</b>	<b>9,214</b>	<b>82%</b>



Source: SMCCD Data Warehouse

### Success and Retention by Term

	Headcount	Success Count	Success Rate	Retention Count	Retention Rate
Fall 2006	874	581	66%	714	82%
Fall 2007	1,029	695	68%	844	82%
Fall 2008	1,124	748	67%	908	81%
Fall 2009	1,178	824	70%	964	82%
Fall 2010	1,244	858	69%	1,019	82%
Spring 2007	924	624	68%	778	84%
Spring 2008	998	649	65%	804	81%
Spring 2009	1,189	841	71%	985	83%
Spring 2010	1,290	944	73%	1,112	86%
Spring 2011	1,340	881	66%	1,086	81%

### Grade Distribution

	A		B		C		D		F		W	
Fall 2006	168	21%	209	23%	190	22%	72	9%	60	7%	158	18%
Fall 2007	209	25%	205	20%	241	23%	71	7%	75	7%	183	18%
Fall 2008	217	22%	284	27%	217	19%	89	8%	69	6%	210	19%
Fall 2009	237	21%	302	25%	258	23%	63	6%	76	7%	211	18%
Fall 2010	217	18%	297	24%	319	26%	74	6%	85	7%	223	18%
Spring 2007	203	23%	207	24%	187	20%	60	7%	89	10%	145	16%
Spring 2008	183	20%	231	24%	213	21%	69	7%	82	9%	192	19%
Spring 2009	257	22%	285	24%	267	24%	63	5%	80	7%	201	17%
Spring 2010	261	20%	352	27%	298	25%	79	7%	89	7%	177	14%
Spring 2011	253	19%	305	23%	296	23%	89	7%	106	8%	250	20%

Source: SMCCD Data Warehouse

<b>Success and Retention by Ethnicity</b>		<b>Success</b>	<b>Success</b>	<b>Retention</b>	<b>Retention</b>	
	<b>Headcount</b>	<b>Count</b>	<b>Rate</b>	<b>Count</b>	<b>Rate</b>	
2006/07	African Am.	46	25	<b>54%</b>	41	<b>89%</b>
	Asian	441	322	<b>73%</b>	370	<b>84%</b>
	Filipino	509	304	<b>60%</b>	405	<b>80%</b>
	Hispanic	251	155	<b>62%</b>	202	<b>80%</b>
	Native Am.	3	2	<b>67%</b>	3	<b>100%</b>
	Other	50	28	<b>56%</b>	38	<b>76%</b>
	Unknown	119	84	<b>71%</b>	100	<b>84%</b>
	White	379	285	<b>75%</b>	333	<b>88%</b>
	Totals & Averages	1,798	1,205	<b>67%</b>	1,492	<b>83%</b>
2007/08	African Am.	60	27	<b>45%</b>	45	<b>75%</b>
	Asian	527	377	<b>72%</b>	430	<b>82%</b>
	Filipino	595	355	<b>60%</b>	471	<b>79%</b>
	Hispanic	300	189	<b>63%</b>	237	<b>79%</b>
	Native Am.	2	1	<b>50%</b>	1	<b>50%</b>
	Other	35	20	<b>57%</b>	28	<b>80%</b>
	Unknown	150	107	<b>71%</b>	129	<b>86%</b>
	White	358	268	<b>75%</b>	307	<b>86%</b>
	Totals & Averages	2,027	1,344	<b>66%</b>	1,648	<b>81%</b>
2008/09	African Am.	84	49	<b>58%</b>	68	<b>81%</b>
	Asian	594	434	<b>73%</b>	502	<b>85%</b>
	Filipino	630	408	<b>65%</b>	491	<b>78%</b>
	Hispanic	394	240	<b>61%</b>	308	<b>78%</b>
	Native Am.	8	7	<b>88%</b>	8	<b>100%</b>
	Unknown	222	159	<b>72%</b>	189	<b>85%</b>
	White	381	292	<b>77%</b>	327	<b>86%</b>
	Totals & Averages	2,313	1,589	<b>69%</b>	1,893	<b>82%</b>
	2009/10	African Am.	93	47	<b>51%</b>	67
Asian		620	492	<b>79%</b>	547	<b>88%</b>
Filipino		583	395	<b>68%</b>	472	<b>81%</b>
Hispanic		365	229	<b>63%</b>	296	<b>81%</b>
Native Am.		11	4	<b>36%</b>	6	<b>55%</b>
Unknown		345	250	<b>72%</b>	296	<b>86%</b>
White		451	351	<b>78%</b>	392	<b>87%</b>
Totals & Averages		2,468	1,768	<b>72%</b>	2,076	<b>84%</b>
2010/11		African Am.	83	37	<b>45%</b>	62
	Asian	652	468	<b>72%</b>	547	<b>84%</b>
	Filipino	629	423	<b>67%</b>	507	<b>81%</b>
	Hispanic	392	228	<b>58%</b>	308	<b>79%</b>
	Native Am.	5	2	<b>40%</b>	5	<b>100%</b>
	Unknown	388	272	<b>70%</b>	320	<b>82%</b>
	White	435	309	<b>71%</b>	356	<b>82%</b>
	Totals & Averages	2,584	1,739	<b>67%</b>	2,105	<b>81%</b>

## Success and Retention by Gender

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2006/07	Female	1,130	793	70%	949	84%
	Male	646	395	61%	523	81%
	Unreported	15	12	80%	14	93%
	<b>Totals &amp; Averages</b>	1,791	1,200	67%	1,486	83%
2007/08	Female	1,219	821	67%	1,010	83%
	Male	776	497	64%	609	78%
	Unreported	25	21	84%	22	88%
	<b>Totals &amp; Averages</b>	2,020	1,339	66%	1,641	81%
2008/09	Female	1,345	957	71%	1,123	83%
	Male	934	608	65%	741	79%
	Unreported	26	18	69%	21	81%
	<b>Totals &amp; Averages</b>	2,305	1,583	69%	1,885	82%
2009/10	Female	1,401	1,023	73%	1,187	85%
	Male	1,000	701	70%	835	84%
	Unreported	52	35	67%	41	79%
	<b>Totals &amp; Averages</b>	2,453	1,759	72%	2,063	84%
2010/11	Female	1,534	1,036	68%	1,244	81%
	Male	999	663	66%	817	82%
	Unreported	36	30	83%	32	89%
	<b>Totals &amp; Averages</b>	2,569	1,729	67%	2,093	81%

## Success and Retention by Day/Evening Status

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2006/07	Day	1,190	775	65%	990	83%
	Evening	608	430	71%	502	83%
2007/08	Day	1,403	893	64%	1,128	80%
	Evening	624	451	72%	520	83%
2008/09	Day	1,639	1,097	67%	1,329	81%
	Evening	674	492	73%	564	84%
2009/10	Day	1,827	1,266	69%	1,511	83%
	Evening	641	502	78%	565	88%
2010/11	Day	1,885	1,246	66%	1,533	81%
	Evening	699	493	71%	572	82%

Source: SMCCD Data Warehouse

## Success and Retention by Age

		Headcount	Success Count	Success Rate	Retention Count	Retention Rate
2006/07	Under 18	16	12	75%	14	88%
	Age 18-22	933	573	61%	767	82%
	Age 23-28	477	329	69%	391	82%
	Age 29-39	240	187	78%	207	86%
	Age 40-49	92	71	77%	78	85%
	Age 50-59	34	27	79%	29	85%
	Age 60+	6	6	100%	6	100%
	<b>Totals &amp; Averages</b>	1,798	1,205	67%	1,492	83%
2007/08	Under 18	26	17	65%	24	92%
	Age 18-22	1,074	655	61%	846	79%
	Age 23-28	531	369	69%	438	82%
	Age 29-39	251	184	73%	213	85%
	Age 40-49	94	78	83%	81	86%
	Age 50-59	47	37	79%	42	89%
	Age 60+	4	4	100%	4	100%
	<b>Totals &amp; Averages</b>	2,027	1,344	66%	1,648	81%
2008/09	Under 18	28	19	68%	23	82%
	Age 18-22	1,302	860	66%	1,053	81%
	Age 23-28	578	422	73%	480	83%
	Age 29-39	301	211	70%	249	83%
	Age 40-49	82	66	80%	73	89%
	Age 50-59	19	10	53%	13	68%
	Age 60+	3	1	33%	2	67%
	<b>Totals &amp; Averages</b>	2,313	1,589	69%	1,893	82%
2009/10	Under 18	37	25	68%	32	86%
	Age 18-22	1,329	896	67%	1,111	84%
	Age 23-28	660	497	75%	551	83%
	Age 29-39	305	234	77%	258	85%
	Age 40-49	102	88	86%	92	90%
	Age 50-59	32	26	81%	30	94%
	Age 60+	3	2	67%	2	67%
	<b>Totals &amp; Averages</b>	2,468	1,768	72%	2,076	84%
2010/11	Under 18	40	28	70%	33	83%
	Age 18-22	1,517	971	64%	1,235	81%
	Age 23-28	603	429	71%	486	81%
	Age 29-39	305	213	70%	247	81%
	Age 40-49	83	67	81%	71	86%
	Age 50-59	29	24	83%	26	90%
	Age 60+	7	7	100%	7	100%
	<b>Totals &amp; Averages</b>	2,584	1,739	67%	2,105	81%

## **Success and Retention by Enrollment Status**

		<b>Headcount</b>	<b>Success Count</b>	<b>Success Rate</b>	<b>Retention Count</b>	<b>Retention Rate</b>
2006/07	Continuing Student	1,378	921	<b>67%</b>	1,136	<b>82%</b>
	Currently K-12	4	2	<b>50%</b>	2	<b>50%</b>
	First-Time Student	83	48	<b>58%</b>	72	<b>87%</b>
	First-Time Transfer Student	145	109	<b>75%</b>	125	<b>86%</b>
	Returning Student	110	69	<b>63%</b>	91	<b>83%</b>
	Returning Transfer Student	78	56	<b>72%</b>	66	<b>85%</b>
2007/08	Continuing Student	1,533	1,020	<b>67%</b>	1,236	<b>81%</b>
	Currently K-12	14	7	<b>50%</b>	10	<b>71%</b>
	First-Time Student	64	38	<b>59%</b>	50	<b>78%</b>
	First-Time Transfer Student	214	156	<b>73%</b>	183	<b>86%</b>
	Returning Student	99	57	<b>58%</b>	80	<b>81%</b>
	Returning Transfer Student	102	65	<b>64%</b>	88	<b>86%</b>
2008/09	Continuing Student	1,734	1,203	<b>69%</b>	1,412	<b>81%</b>
	Currently K-12	12	7	<b>58%</b>	9	<b>75%</b>
	First-Time Student	107	68	<b>64%</b>	93	<b>87%</b>
	First-Time Transfer Student	222	150	<b>68%</b>	187	<b>84%</b>
	Returning Student	122	81	<b>66%</b>	99	<b>81%</b>
	Returning Transfer Student	116	80	<b>69%</b>	93	<b>80%</b>
2009/10	Continuing Student	2,024	1,470	<b>73%</b>	1,705	<b>84%</b>
	Currently K-12	13	10	<b>77%</b>	12	<b>92%</b>
	First-Time Student	71	40	<b>56%</b>	57	<b>80%</b>
	First-Time Transfer Student	174	122	<b>70%</b>	150	<b>86%</b>
	Returning Student	91	59	<b>65%</b>	72	<b>79%</b>
	Returning Transfer Student	95	67	<b>71%</b>	80	<b>84%</b>
2010/11	Continuing Student	2,149	1,457	<b>68%</b>	1,751	<b>81%</b>
	Currently K-12	15	10	<b>67%</b>	13	<b>87%</b>
	First-Time Student	67	39	<b>58%</b>	53	<b>79%</b>
	First-Time Transfer Student	167	110	<b>66%</b>	138	<b>83%</b>
	Returning Student	104	69	<b>66%</b>	82	<b>79%</b>
	Returning Transfer Student	82	54	<b>66%</b>	68	<b>83%</b>

Source: SMCCD Data Warehouse