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**Miramar College**  
**High School to College Pipeline Report**  
**2011/12 - 2015/16**

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## Introduction

The annual High School to College Pipeline Report provides a comprehensive descriptive analysis of incoming first-time to college high school graduates. The report is part of a larger initiative to provide the colleges and the District with information for integrating plans and strategies that support student completion and enrollment management. The report is intended to inform college and District decision-making, instructional and services planning, outreach, and marketing.

The High School to College Pipeline Report series comprises four reports: 1) All Colleges, 2) City College/ECC, 3) Mesa College, and 4) Miramar College. Each report contains four sections that focus on enrollment patterns and placement as high school graduates enter college for the first time. The first section focuses on students' entry into Miramar College, and is reported as high school-to-college graduate participation and concurrent student participation rates. Reading, writing, ESOL, and math placements are detailed in Section II; student characteristics and college enrollment patterns are detailed in Section III; and finally, English and math successful course completion rates are detailed in Section IV. In most instances, benchmark information is provided as a point of comparison, such as three-year or five-year averages and/or percentage change.

## Population of Interest

**First-time to college high school graduates** are students who reported completion from a high school prior to enrolling at Miramar College for the first time. Specifically, unless otherwise noted, this population comprises the following parameters:

- **First-time to college students** are defined as any first-time student who enrolled at Miramar College. Excluded from this definition are students concurrently enrolled in a four-year university, degree holders, and high school students. Additionally, for this study, students attending adult school are excluded.
- **High school graduates** are defined in this study as having received a certification of California high school proficiency, a G.E.D./high school certificate, or a high school diploma (including a foreign high school diploma).
- Students enrolled at Miramar College either in the year following high school completion or within four years of high school completion.

## Operational Definitions

**Enrollment:** The number of seats enrolled, or duplicated headcount. Drops, never attends, cancelled, tutoring, and year-long summer in-service classes are excluded.

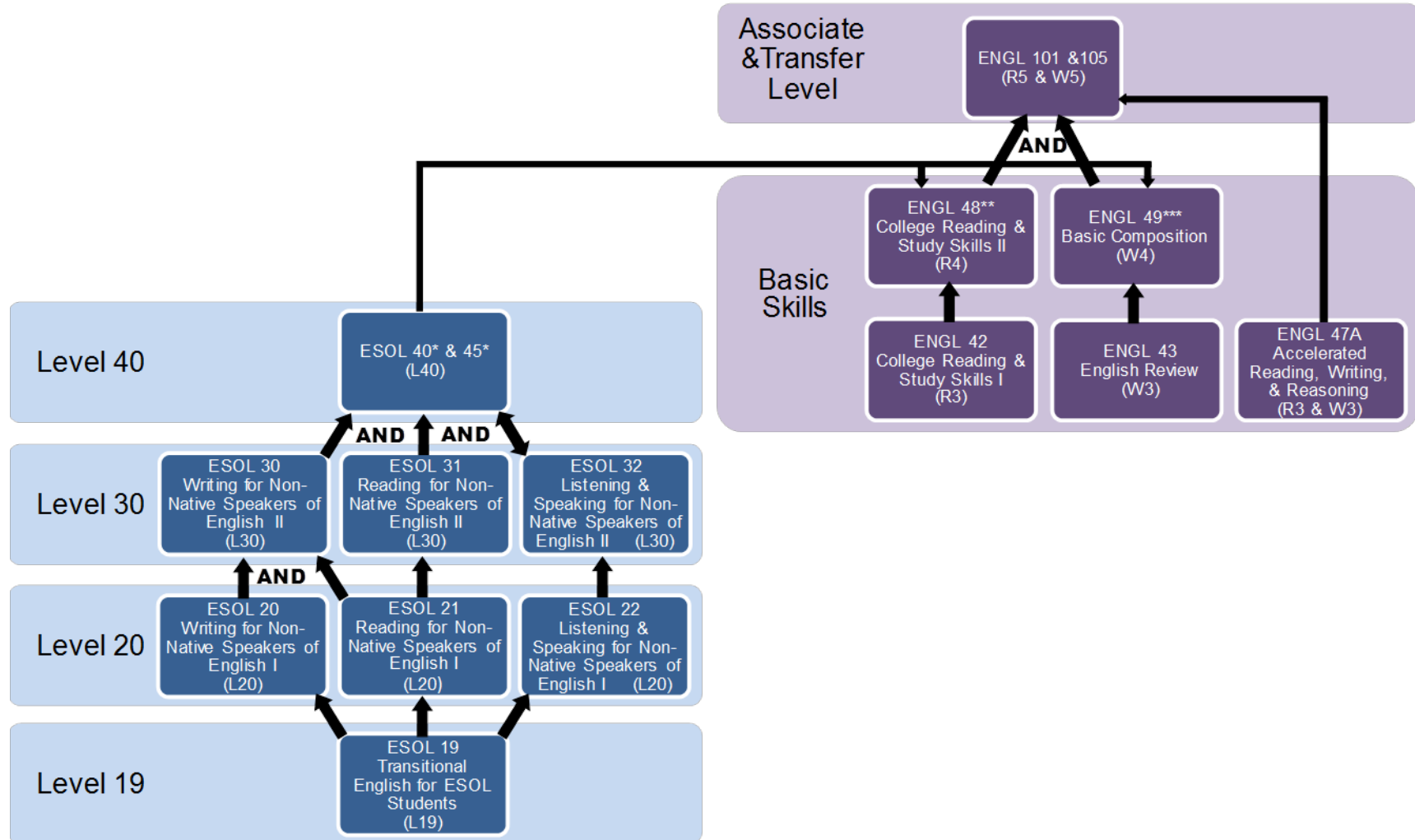
**Headcount:** The individual count of students, or unduplicated headcount. Drops, never attends, cancelled, and year-long summer in-service classes are excluded.

**Persistence Rate – Term and Annual:** The percentage of official census enrolled students in a fall term who received a grade notation of A, B, C, D, F, P, NP, I, or RD and who enrolled in at least one course in the subsequent spring term (term persistence) and fall terms (annual persistence) and received a grade notation of A, B, C, D, F, P, NP, I, or RD (SDSU and UCSD-only students and sections are excluded. Intersession, tutoring, in-service, and cancelled classes are excluded).

**Success Rate:** The percentage of students who complete a course with a grade of A, B, C, or P out of official census enrollments. Tutoring, non-credit, and cancelled classes are excluded.

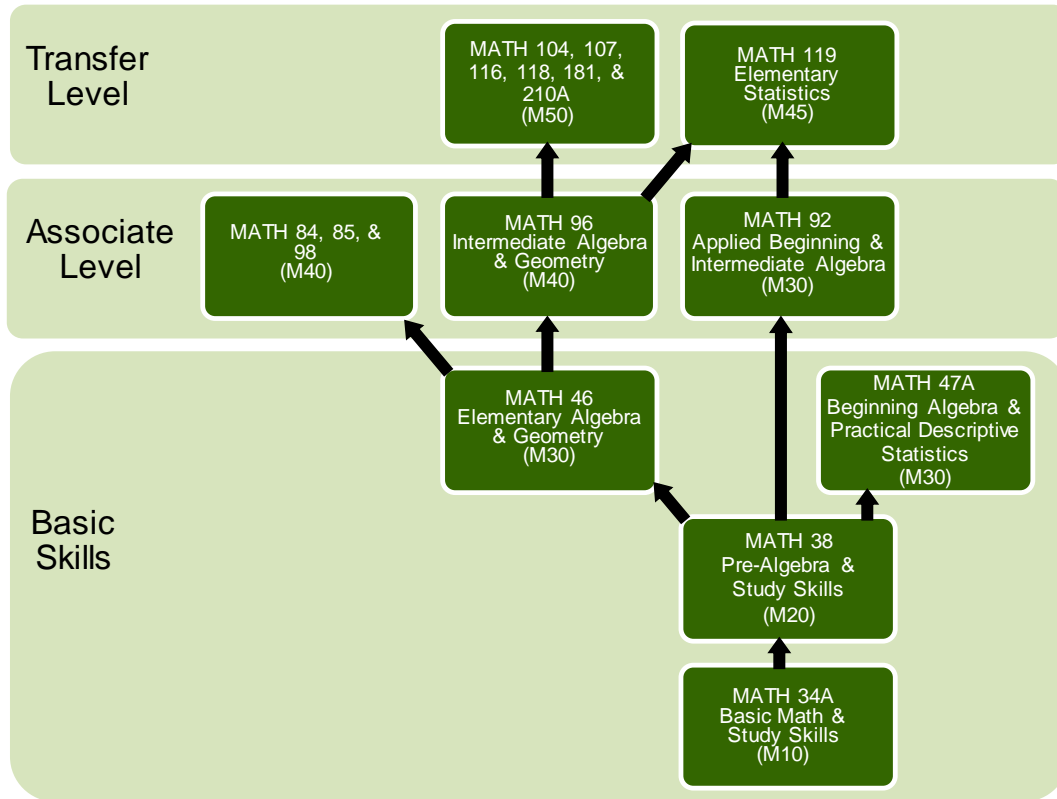
### Placement Sequences

Figure 1. Current English and ESOL placement sequence



\* ESOL 40 and ESOL 45 require a prerequisite of ESOL 30, 31, and concurrent enrollment or completion of ESOL 32, or assessment skill level L40.  
 \*\* ENGL 48 requires a prerequisite skill level L40 AND completion of ESOL 40; or completion of ESOL 32 and 40; or ENGL 42; or skill level R4.  
 \*\*\* ENGL 49 requires a prerequisite skill level L40 AND completion of ESOL 40; or completion of ESOL 32 and 40; or ENGL 43; or skill level W4.

Figure 2. Current math placement sequence



## Overall Highlight of the Findings

1. In 2015/16, 8% of the 2014/15 feeder high school graduates and 5% of the 2014/15 non-feeder high school graduates entered Miramar College in the year following high school completion. The 2015/16 feeder and non-feeder school student participation rates are equal to the five-year averages of 8% and 5%, respectively.
2. Between 2011/12 and 2015/16, the number of concurrently enrolled feeder high school students declined 79% and declined 40% among non-feeder high school students. Approximately 10% of concurrent feeder high school students continued their enrollment in 2015/16 as college-only students. Over five years, participation rates of concurrently enrolled high school students who continued their enrollment at Miramar College varied among feeder high school students (10% to 32%) and non-feeder high school students (5% to 18%).
3. In 2015/16, the majority of first-time to college high school graduates completed an assessment test in reading, writing, and math (78% each). The percentage of students who completed an assessment test in reading, writing, or math increased by nine percentage points between 2013/14 and 2015/16.
4. In 2015/16, 66% of the first-time to college high school graduates who completed an assessment test in reading placed at the transfer/associate level, and almost half (43%) of first-time to college high school graduates who completed an assessment test in writing placed at the transfer/associate level. More than half (59%) of first-time to college high school graduates who completed an assessment test in math placed at the transfer or associate levels, while 41% placed at the basic skills level.
5. Twenty-one percent of the 2015/16 first-time to college high school graduates reported that they were the first generation of college-going students in their family. This is comparable to the five-year average of 22%.
6. In 2015/16, 89% of the first-time to college high school graduates who enrolled in 0.1-2.9 units completed the total number of attempted units. Sixty-three percent of the students who were enrolled in school full-time (12+ units) in 2015/16, completed the total number of attempted units (comparable to the five-year average of 64%).
7. Seventy-nine percent of the Fall 2014 first-time to college high school graduates at Miramar College persisted to the next spring term, which is higher than the five-year average of 73%. Over half (59%) persisted annually to a second fall term, which is higher than the five-year annual persistence average of 55%.

8. In 2015/16, 72% of students who enrolled in a transfer or associate level English course at Miramar College successfully completed the course (lower than the five-year average of 79%), and 67% of students who enrolled in a basic skills level English course at Miramar College successfully completed the course (comparable to the 69% five-year average).
9. Seventy percent of students who enrolled in a transfer level math course and 64% of students who enrolled in an associate level math course at Miramar College in 2015/16 successfully completed the course (both higher than the five-year averages of 67% & 54%, respectively). Finally, 68% of students enrolled in a basic skills level math course at Miramar College in 2015/16 successfully completed the course, which is higher than the five-year average of 63%.



## Section I: Entering the Community College Pipeline

This section describes different aspects of high school graduate student entry to Miramar College. Student trends are measured across five years, from 2011/12 to 2015/16.

**Table 1 focuses on high school-to-college participation rates among first-time to college high school graduates who enrolled at Miramar College in the year following high school completion.** When possible, high school-to-college participation rates are disaggregated by feeder and non-feeder high schools. College feeders are based on a combination of the zip codes within each college's service area, as well as other college-specific outreach designations.

**Table 2 tracks high school seniors who were concurrently enrolled at Miramar College to the subsequent year to determine the rate of continued participation as college-only students. Students who re-enrolled as concurrent high school students in the subsequent year are excluded from college-only re-enrollment figures.** Results provide aggregate totals/averages for students attending feeder and non-feeder high schools as a point of comparison.

College Participation Rates of High School Graduates

Table 1. Headcount and participation rates of high school graduates who enroll at Miramar College within one year of graduation

		10/11	11/12		11/12	12/13		12/13	13/14		13/14	14/15		14/15	15/16		10/11-14/15	11/12-15/16	
		Grads	Entrants		Grads	Entrants		Grads	Entrants		Grads	Entrants		Grads	Entrants		Grads	Entrants	
		N	N	%	N	N	%	N	N	%	N	N	%	N	N	%	% Change		Avg %
City Feeder	Crawford Ed Complex	193	4	2%	189	4	2%	200	11	6%	232	7	3%	195	4	2%	1%	0%	3%
	Garfield	144	1	1%	139	0	0%	139	3	2%	127	2	2%	107	2	2%	-26%	100%	1%
	Gompers Prep	0	0	--	71	0	0%	81	1	1%	89	0	0%	97	0	0%	---	---	---
	Health Sciences	127	2	2%	128	2	2%	138	5	4%	135	6	4%	149	4	3%	17%	100%	3%
	Hoover	311	12	4%	292	3	1%	324	9	3%	344	14	4%	343	14	4%	10%	17%	3%
	King-Chavez Comm	0	0	--	0	0	--	137	0	0%	95	0	0%	139	8	6%	---	---	---
	Lincoln	389	6	2%	316	6	2%	290	8	3%	298	8	3%	285	4	1%	-27%	-33%	2%
	Morse	380	2	1%	381	12	3%	349	3	1%	377	3	1%	340	4	1%	-11%	100%	1%
	San Diego Ed Complex	485	15	3%	422	6	1%	430	5	1%	393	8	2%	462	11	2%	-5%	-27%	2%
	San Diego SCPA	181	11	6%	168	7	4%	178	5	3%	144	5	3%	186	7	4%	3%	-36%	4%
Mesa Feeder	Charter School of SD	479	36	8%	559	42	8%	526	38	7%	441	25	6%	464	29	6%	-3%	-19%	7%
	Clairemont	278	12	4%	230	9	4%	265	10	4%	256	10	4%	210	9	4%	-24%	-25%	4%
	High Tech Ed Complex	294	5	2%	288	6	2%	317	9	3%	312	6	2%	329	6	2%	12%	20%	2%
	Kearny Ed Complex	319	11	3%	381	16	4%	294	10	3%	322	13	4%	309	10	3%	-3%	-9%	4%
	La Jolla	359	11	3%	374	10	3%	342	12	4%	338	8	2%	348	11	3%	-3%	0%	3%
	Madison	247	7	3%	224	11	5%	230	10	4%	216	8	4%	214	9	4%	-13%	29%	4%
	Mark Twain	187	5	3%	226	8	4%	183	6	3%	152	5	3%	156	4	3%	-17%	-20%	3%
	Mission Bay	277	9	3%	311	9	3%	273	9	3%	274	4	1%	237	9	4%	-14%	0%	3%
	Patrick Henry	503	9	2%	484	8	2%	517	7	1%	523	5	1%	504	8	2%	0%	-11%	1%
	Point Loma	424	8	2%	408	14	3%	441	20	5%	401	14	3%	426	8	2%	0%	0%	3%
Miramar Feeder	Mira Mesa	593	250	42%	552	255	46%	550	247	45%	609	301	49%	581	256	44%	-2%	2%	45%
	Scripps Ranch	531	111	21%	579	123	21%	558	87	16%	509	100	20%	517	93	18%	-3%	-16%	19%
	Serra	365	38	10%	406	23	6%	381	19	5%	408	43	11%	379	38	10%	4%	0%	8%
	University City	416	34	8%	387	19	5%	427	22	5%	409	26	6%	417	38	9%	0%	12%	7%
	<b>District Feeder Total</b>	<b>7,482</b>	<b>599</b>	<b>8%</b>	<b>7,515</b>	<b>593</b>	<b>8%</b>	<b>7,570</b>	<b>556</b>	<b>7%</b>	<b>7,404</b>	<b>621</b>	<b>8%</b>	<b>7,394</b>	<b>586</b>	<b>8%</b>	<b>-1%</b>	<b>-2%</b>	<b>8%</b>
Non-Feeder High Schools	Abraxas	123	18	15%	98	16	16%	70	5	7%	78	14	18%	80	13	16%	-35%	-28%	15%
	Bonita Vista	497	1	0%	541	3	1%	540	3	1%	550	0	0%	580	2	0%	17%	100%	0%
	Castle Park	294	3	1%	260	2	1%	372	0	0%	373	0	0%	359	2	1%	22%	-33%	0%
	Chula Vista	510	2	0%	538	2	0%	578	5	1%	577	6	1%	612	2	0%	20%	0%	1%
	Coronado	277	8	3%	248	6	2%	255	0	0%	274	8	3%	288	9	3%	4%	13%	2%
	Del Norte	1	0	0%	243	34	14%	458	53	12%	380	56	15%	435	50	11%	43,400%	---	13%
	Eastlake	502	1	0%	512	1	0%	670	2	0%	71	1	1%	721	5	1%	44%	400%	0%

Note. Non-Feeder High Schools are continued on the next page.

## Miramar College High School to College Pipeline Report

Table 1. Headcount and participation rates of high school graduates who enroll at Miramar College within one year of graduation (continued)

		10/11		11/12		11/12		12/13		12/13		13/14		13/14		14/15		14/15		15/16		10/11-	11/12-15/16		
		Grads		Entrants		Grads		Entrants		Grads		Entrants		Grads		Entrants		Grads		Entrants		Grads		Entrants	
		N	N	%	N	N	%	N	N	%	N	N	%	N	N	%	N	N	%	N	N	%	% Change		Avg %
Non-Feeder High Schools, cont.	Grossmont	470	2	0%	519	3	1%	514	1	0%	428	3	1%	508	5	1%	8%	150%	1%						
	Helix	477	2	0%	469	4	1%	461	5	1%	477	0	0%	469	4	1%	-2%	100%	1%						
	Hilltop	467	7	1%	486	2	0%	495	2	0%	526	5	1%	502	7	1%	7%	0%	1%						
	Mar Vista	310	3	1%	337	9	3%	354	2	1%	358	0	0%	341	2	1%	10%	-33%	1%						
	Montgomery	309	4	1%	303	0	0%	391	0	0%	347	1	0%	404	2	0%	31%	-50%	0%						
	Mount Miguel	340	4	1%	327	3	1%	259	1	0%	230	2	1%	277	2	1%	-19%	-50%	1%						
	Mt. Carmel	547	108	20%	505	99	20%	445	92	21%	488	124	25%	483	124	26%	-12%	15%	22%						
	Olympian	329	4	1%	374	1	0%	440	1	0%	435	2	0%	416	3	1%	26%	-25%	1%						
	Otay Ranch	604	4	1%	591	4	1%	627	0	0%	637	3	0%	664	4	1%	10%	0%	0%						
	Poway	676	92	14%	581	85	15%	537	75	14%	578	95	16%	496	90	18%	-27%	-2%	15%						
	Ramona	385	9	2%	406	21	5%	367	12	3%	363	21	6%	362	19	5%	-6%	111%	4%						
	Rancho Bernardo	680	61	9%	546	67	12%	489	66	13%	548	91	17%	520	98	19%	-24%	61%	14%						
	San Ysidro	408	3	1%	449	2	0%	506	1	0%	483	2	0%	538	4	1%	32%	33%	1%						
	Southwest	337	5	1%	333	1	0%	367	5	1%	382	2	1%	374	4	1%	11%	-20%	1%						
	Sweetwater	489	1	0%	469	1	0%	643	5	1%	653	6	1%	628	3	0%	28%	200%	1%						
	Torrey Pines	647	5	1%	625	7	1%	592	6	1%	591	10	2%	700	25	4%	8%	400%	2%						
	West Hills High School	468	5	1%	401	7	2%	441	5	1%	389	3	1%	405	5	1%	-13%	0%	1%						
	West View	577	95	16%	593	94	16%	567	108	19%	595	99	17%	558	98	18%	-3%	3%	17%						
<b>Non-Feeder Total</b>		<b>10,724</b>	<b>447</b>	<b>4%</b>	<b>10,754</b>	<b>474</b>	<b>4%</b>	<b>11,438</b>	<b>455</b>	<b>4%</b>	<b>10,811</b>	<b>554</b>	<b>5%</b>	<b>11,720</b>	<b>582</b>	<b>5%</b>	<b>9%</b>	<b>30%</b>	<b>5%</b>						
Other High Schools	Foreign School	---	22	---	---	20	---	---	19	---	---	16	---	---	17	---	---	-23%	---						
	Other	---	162	---	---	167	---	---	163	---	---	157	---	---	162	---	---	0%	---						
	Out of State	---	38	---	---	30	---	---	46	---	---	44	---	---	56	---	---	47%	---						
	San Diego County	---	13	---	---	8	---	---	10	---	---	14	---	---	19	---	---	46%	---						
	<b>Other Total</b>	---	<b>235</b>	---	---	<b>225</b>	---	---	<b>238</b>	---	---	<b>231</b>	---	---	<b>254</b>	---	---	<b>8%</b>	---						
<b>Total</b>		---	<b>1,281</b>	---	---	<b>1,292</b>	---	---	<b>1,249</b>	---	---	<b>1,406</b>	---	---	<b>1,422</b>	---	---	<b>11%</b>	---						

Source: High School Data - Education Data Partnership (Ed-Data) - SDCCD Information System

Note 1. Students are unduplicated within each year.

Note 2. SDSU, UCSD, tutoring, and cancelled classes are excluded from student enrollments. Students with no/unreported high school are excluded.

Note 3. Schools with no SDCCD Entrants are excluded (ALBA, Arroyo Paseo, Audeo, Coleman Tech, e3 Civic, Iftin, iHigh, Laurel Prep, Learning Choice, Riley/New Dawn, San Diego Early/Middle College, The O'Farrell Charter, TRACE, and Whittier).

Note 4. Schools with fewer than 20 SDCCD Entrants enrolled in each of the five years (John Muir, Mt. Everest, Preuss, San Diego MET, etc.), private schools, and schools with no/unreported/invalid SDCCD or CDE data are indicated as "Other".

Note 5. "Other High Schools" have no data available on high school graduates; therefore, no participation rates are calculated.

Note. Students who enrolled in the year following high school completion are first-time to college high school graduates.

Participation Rates of Concurrent Students

Table 2. Percentage of concurrent high school seniors who re-enroll the subsequent year as college-only students

	10/11 Seniors (Concur) N	11/12 Re- Enroll N	11/12 Re- Enroll %	11/12 Seniors (Concur) N	12/13 Re- Enroll N	12/13 Re- Enroll %	12/13 Seniors (Concur) N	13/14 Re- Enroll N	13/14 Re- Enroll %	13/14 Seniors (Concur) N	14/15 Re- Enroll N	14/15 Re- Enroll %	14/15 Seniors (Concur) N	15/16 Re- Enroll N	15/16 Re- Enroll %	Concurrent % Change	Re-Enroll % Change	Re-Enroll Avg %
<b>District Feeder Total</b>	102	24	24%	74	24	32%	48	12	25%	22	3	14%	21	2	10%	-79%	-92%	24%
<b>Non-Feeder Total</b>	50	6	12%	20	2	10%	20	1	5%	22	4	18%	30	2	7%	-40%	-67%	11%
Other/Unreported	4	0	0%	2	0	0%	2	0	0%	0	0	0%	4	2	50%	0%	---	17%
<b>Grand Total</b>	156	30	19%	96	26	27%	70	13	19%	44	7	16%	55	6	11%	-65%	-80%	19%

Source. SDCCD Information System

Note 1. The concurrent student cohort comprises all self-reported seniors at a District feeder or non-feeder who are also enrolled at Miramar College. No exclusions limit the concurrent student cohort to AP students. Re-enrollment counts exclude students who continue Miramar College enrollment as concurrent students.

Note 2. Students are unduplicated within each year. SDSU, UCSD, tutoring, cancelled, and year-long summer in-service classes are excluded.

Note 3. Students with an unreported high school are indicated as "Other/Unreported".

Note. Students are high school seniors and are currently enrolled at an SDCCD college.

## Section II: College Preparedness and Placement

This section of the report looks at high school GPA and the placement levels of first-time to college high school graduates who applied to Miramar College within four years of high school completion. It is possible that a student can apply and take the placement test, but not register for classes. The placement information, therefore, may differ from enrollment information. Note that the English and math placement sequences may change from year to year; therefore, data are represented by current placement level categories (see Figures 1 and 2 in the Course Sequences section). Additionally, students are categorized as ‘tested’ or ‘not tested’ based on the following parameters:

- **Total Tested** – This group includes students who completed an assessment test, had high school transcript information available for Multiple Measures Assessment Project (MMAP) placement, or submitted their scores from a standardized test (e.g., SAT, ACT, EAP, EPT, and ELM).
- **Not Tested** – This group includes students who did not complete an assessment test. Additionally, this group includes students who received a placement level from degree completion, transfer work, or course completion.

**High School GPA of College-Enrolled High School Graduates**

Table 3. High school GPA of high school graduates who enroll at a SDCCD credit college within four years of graduation

	2011/12	2012/13	2013/14	2014/15	2015/16	5-Yr Avg/ Total	5-Yr % Change
0.0-1.5	0%	0%	0%	0%	0%	0%	-86%
1.6-1.9	1%	1%	1%	1%	1%	1%	3%
2.0-2.5	19%	19%	17%	17%	16%	17%	12%
2.6-3.0	35%	34%	35%	32%	32%	33%	19%
3.1-3.5	31%	31%	32%	33%	34%	32%	41%
Over 3.5	15%	15%	15%	17%	17%	16%	48%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>28%</b>
Reported GPA	3,522	3,530	3,602	4,114	4,516	19,284	28%
Total of All Students	3,992	3,920	3,986	4,545	4,961	21,404	24%

Source: SDCCD Information System

Note 1. High school GPA is self-reported on students' college applications. On average, across five years, 9% of students did not report their GPA.

Note 2. In cases where there are few students, the percentage distribution may be 0%; however, a percentage is still calculated.

Note. Students who enrolled within four years of high school completion are first-time to college high school graduates.

**Reading and Writing Placement**

Table 4. Reading Placement

		2013/14		2014/15		2015/16		Total N	Avg %	% Change
Test/No-Test	Total Tested	879	69%	1,120	74%	1,224	78%	3,223	74%	39%
	Not Tested	386	31%	398	26%	342	22%	1,126	26%	-11%
	<b>Total Students</b>	<b>1,265</b>	<b>100%</b>	<b>1,518</b>	<b>100%</b>	<b>1,566</b>	<b>100%</b>	<b>4,349</b>	<b>100%</b>	<b>24%</b>
Distribution of Students who Took a Test	Transfer/Associate Level	489	56%	728	65%	810	66%	2,027	63%	66%
	Basic Skills	313	36%	311	28%	343	28%	967	30%	10%
	Need English Advising	64	7%	71	6%	61	5%	196	6%	-5%
	Take ESOL Test	13	1%	10	1%	10	1%	33	1%	-23%
	<b>Total Tested</b>	<b>879</b>	<b>100%</b>	<b>1,120</b>	<b>100%</b>	<b>1,224</b>	<b>100%</b>	<b>3,223</b>	<b>100%</b>	<b>39%</b>

Source: SDCCD Information System

Table 5. Writing Placement

		2013/14		2014/15		2015/16		Total N	Avg %	% Change
Test/No-Test	Total Tested	879	69%	1,122	74%	1,224	78%	3,225	74%	39%
	Not Tested	386	31%	396	26%	342	22%	1,124	26%	-11%
	<b>Total Students</b>	<b>1,265</b>	<b>100%</b>	<b>1,518</b>	<b>100%</b>	<b>1,566</b>	<b>100%</b>	<b>4,349</b>	<b>100%</b>	<b>24%</b>
Distribution of Students who Took a Test	Transfer/Associate Level	281	32%	423	38%	524	43%	1,228	38%	86%
	Basic Skills	521	59%	618	55%	629	51%	1,768	55%	21%
	Need English Advising	64	7%	71	6%	61	5%	196	6%	-5%
	Take ESOL Test	13	1%	10	1%	10	1%	33	1%	-23%
	<b>Total Tested</b>	<b>879</b>	<b>100%</b>	<b>1,122</b>	<b>100%</b>	<b>1,224</b>	<b>100%</b>	<b>3,225</b>	<b>100%</b>	<b>39%</b>

Source: SDCCD Information System

*Note. Students who applied within four years of high school completion are first-time to college high school graduates.*

**ESOL Placement**

Table 6. ESOL Placement

		2013/14		2014/15		2015/16		Total N	Avg %	% Change
Test/No-Test	Total Tested	26	2%	31	2%	31	2%	88	2%	19%
	Not Tested	1,239	98%	1,487	98%	1,535	98%	4,261	98%	24%
	<b>Total Students</b>	<b>1,265</b>	<b>100%</b>	<b>1,518</b>	<b>100%</b>	<b>1,566</b>	<b>100%</b>	<b>4,349</b>	<b>100%</b>	<b>24%</b>
Distribution of Students who Took a Test	Level 40	2	8%	2	6%	6	19%	10	11%	200%
	Level 30	5	19%	7	23%	6	19%	18	20%	20%
	Level 20	1	4%	8	26%	4	13%	13	15%	300%
	Level 19	18	69%	14	45%	15	48%	47	53%	-17%
	<b>Total Tested</b>	<b>26</b>	<b>100%</b>	<b>31</b>	<b>100%</b>	<b>31</b>	<b>100%</b>	<b>88</b>	<b>100%</b>	<b>19%</b>

Source: SDCCD Information System

**Math Placement**

Table 7. Math Placement

		2013/14		2014/15		2015/16		Total N	Avg %	% Change
Test/No-Test	Total Tested	877	69%	1,115	73%	1,225	78%	3,217	74%	40%
	Not Tested	388	31%	403	27%	341	22%	1,132	26%	-12%
	<b>Total Students</b>	<b>1,265</b>	<b>100%</b>	<b>1,518</b>	<b>100%</b>	<b>1,566</b>	<b>100%</b>	<b>4,349</b>	<b>100%</b>	<b>24%</b>
Distribution of Students who Took a Test	Transfer Level	301	34%	474	43%	567	46%	1,342	42%	88%
	Associate Level	151	17%	156	14%	161	13%	468	15%	7%
	Basic Skills	425	48%	485	43%	497	41%	1,407	44%	17%
	<b>Total Tested</b>	<b>877</b>	<b>100%</b>	<b>1,115</b>	<b>100%</b>	<b>1,225</b>	<b>100%</b>	<b>3,217</b>	<b>100%</b>	<b>40%</b>

Source: SDCCD Information System

*Note. Students who applied within four years of high school completion are first-time to college high school graduates.*



### Section III: Student Characteristics and Enrollments

**This section describes different student characteristics and enrollment patterns among first-time to college high school graduates who enrolled at Miramar College within four years of high school completion.** Headcount, gender, ethnicity, first generation to college, and student educational goals of the first-time to college high school graduates are measured between 2011/12 and 2015/16 (see Table 8). Note that the count of students is an unduplicated headcount. The number of units attempted (in rows) by the number of units earned (in columns) across the same five years are displayed among first-time to college high school graduates in Table 9. The longitudinal term and annual persistence of the Fall 2010 to Fall 2014 cohorts of first-time to college high school graduates are displayed in Table 10.

**Student Characteristics**

Table 8. Headcount by gender, ethnicity, first generation to college, and educational goal

	2011/12	2012/13	2013/14	2014/15	2015/16	Total/ 5-Yr Avg	5-Yr % Change
Total N of Students	1,179	1,180	1,183	1,353	1,469	6,364	25%
<b>Gender</b>							
Female	42%	42%	44%	42%	40%	42%	18%
Male	58%	58%	56%	58%	60%	58%	30%
<b>Ethnicity</b>							
African American	4%	4%	5%	3%	4%	4%	8%
American Indian	0%	0%	0%	0%	0%	0%	100%
Asian/Pacific Islander	16%	14%	14%	17%	14%	15%	12%
Filipino	11%	10%	11%	11%	9%	10%	3%
Latino	27%	28%	26%	28%	29%	28%	34%
White	32%	33%	34%	31%	34%	33%	29%
Other	8%	9%	9%	9%	9%	9%	35%
Unreported	1%	1%	1%	1%	1%	1%	21%
<b>First Generation</b>							
First Generation	22%	21%	22%	22%	21%	22%	20%
Not First Generation	78%	79%	78%	78%	79%	78%	26%
<b>Educational Goal</b>							
4 Yr College Student	13%	12%	11%	10%	10%	11%	0%
AA/AS w/out Transfer	5%	7%	4%	7%	6%	6%	54%
BA/BS after Completing AA/AS	42%	40%	44%	45%	45%	44%	33%
BA/BS w/out Completing AA/AS	8%	8%	8%	10%	9%	9%	43%
Basic Skills Improvement	1%	1%	1%	1%	0%	1%	-29%
Certificate/License Maintenance	1%	1%	2%	2%	1%	1%	82%
Current Job/Career Advancement	1%	1%	0%	1%	0%	1%	-38%
Educational Development	1%	1%	1%	1%	1%	1%	25%
HS Diploma/GED Certificate	1%	1%	0%	1%	1%	1%	50%
New Career Preparation	10%	10%	9%	8%	10%	9%	26%
Non-Credit to Credit Transition	0%	0%	0%	0%	0%	0%	
Voc Cert/Degree w/out Transfer	2%	1%	2%	1%	1%	1%	-19%
Undecided	17%	17%	18%	14%	15%	16%	9%
Unreported	0%	0%	0%	0%	0%	0%	

Source: SDCCD Information System

Note. Students who enrolled within four years of high school completion are first-time to college high school graduates.

**Units Attempted/Earned**

Table 9. Units attempted by units earned

		Units Earned						
		0 Units	0.1 - 2.9 Units	3.0 - 5.9 Units	6.0 - 8.9 Units	9.0 - 11.9 Units	12.0 + Units	
Units Attempted	2011/12	0.1 - 2.9 Units	21%	<b>79%</b>				
		3.0 - 5.9 Units	35%	2%	<b>64%</b>			
		6.0 - 8.9 Units	20%	2%	20%	<b>58%</b>		
		9.0 - 11.9 Units	10%	2%	16%	21%	<b>51%</b>	
		12.0 + Units	6%	0%	4%	7%	18%	<b>66%</b>
	2012/13	0.1 - 2.9 Units	30%	<b>70%</b>				
		3.0 - 5.9 Units	35%	1%	<b>64%</b>			
		6.0 - 8.9 Units	20%	2%	21%	<b>57%</b>		
		9.0 - 11.9 Units	9%	1%	14%	25%	<b>52%</b>	
		12.0 + Units	4%	1%	6%	7%	17%	<b>67%</b>
	2013/14	0.1 - 2.9 Units	20%	<b>80%</b>				
		3.0 - 5.9 Units	36%	2%	<b>62%</b>			
		6.0 - 8.9 Units	27%	2%	21%	<b>51%</b>		
		9.0 - 11.9 Units	11%	1%	14%	20%	<b>54%</b>	
		12.0 + Units	7%	0%	4%	8%	18%	<b>63%</b>
	2014/15	0.1 - 2.9 Units	13%	<b>88%</b>				
		3.0 - 5.9 Units	29%	1%	<b>70%</b>			
		6.0 - 8.9 Units	20%	2%	18%	<b>60%</b>		
		9.0 - 11.9 Units	13%	0%	11%	15%	<b>62%</b>	
		12.0 + Units	7%	0%	5%	8%	17%	<b>63%</b>
2015/16	0.1 - 2.9 Units	11%	<b>89%</b>					
	3.0 - 5.9 Units	26%	1%	<b>73%</b>				
	6.0 - 8.9 Units	18%	1%	14%	<b>66%</b>			
	9.0 - 11.9 Units	10%	0%	13%	22%	<b>56%</b>		
	12.0 + Units	6%	0%	5%	9%	17%	<b>63%</b>	
<b>Five-Year Average</b>		--	<b>81%</b>	<b>67%</b>	<b>59%</b>	<b>55%</b>	<b>64%</b>	
<b>% Change 11/12-15/16</b>		--	<b>27%</b>	<b>26%</b>	<b>60%</b>	<b>81%</b>	<b>6%</b>	

Source: SDCCD Information System

Note. Tutoring and non-graded courses are excluded. Percentage change is based on counts.

Note. Students who enrolled within four years of high school completion are first-time to college high school graduates.

**Persistence**

Table 10. Term and annual persistence

	Fall Cohorts	Term Persistence Counts	Term Persistence %	Annual Persistence Counts	Annual Persistence %
2010	730	501	69%	375	51%
2011	857	615	72%	463	54%
2012	876	667	76%	493	56%
2013	882	625	71%	472	54%
2014	908	713	79%	535	59%
<b>Total/5-Yr Avg</b>	<b>4,253</b>	<b>3,121</b>	<b>73%</b>	<b>2,338</b>	<b>55%</b>

Source: SDCCD Information System

*Note. Students enrolled within four years of high school completion are first-time to college high school graduates.*

#### **Section IV: Student Successful Course Completion**

This section examines English and math course success rates of **first-time to college high school graduates who enrolled at Miramar College within four years of high school completion** (see Tables 11 and 12). Enrollments and successful course completion rates of first-time students who enrolled in an English or math course as of official census between 2011/12-2015/16 are reported. Data are represented by basic skills, associate, and transfer level courses (see Figures 1 and 2 in the Placement Sequences section for specific courses in each level).

**English Successful Course Completion Rates**

Table 11. English course success rates

		Enrollments	Success Counts	Success Rate
Transfer/ Associate	2011/12	91	72	79%
	2012/13	113	98	87%
	2013/14	92	76	83%
	2014/15	103	81	79%
	2015/16	134	96	72%
	<b>Total</b>	<b>533</b>	<b>423</b>	<b>79%</b>
Basic Skills	2011/12	331	245	74%
	2012/13	322	214	66%
	2013/14	324	230	71%
	2014/15	315	208	66%
	2015/16	360	242	67%
	<b>Total</b>	<b>1,652</b>	<b>1,139</b>	<b>69%</b>
<b>English Total</b>		<b>2,185</b>	<b>1,562</b>	<b>71%</b>
<b>All Colleges Total</b>		<b>9,436</b>	<b>7,095</b>	<b>75%</b>

Source: SDCCD Information System

Note. Tutoring and cancelled classes are excluded. Only students enrolled as of official census are counted in the enrollments.

Note. Students who enrolled within four years of high school completion are first-time to college high school graduates.

**Math Successful Course Completion Rates**

Table 12. Math course success rates

		Enrollments	Success Counts	Success Rate
Transfer Level	2011/12	203	139	68%
	2012/13	186	119	64%
	2013/14	189	126	67%
	2014/15	251	164	65%
	2015/16	240	167	70%
	<b>Total</b>	<b>1,069</b>	<b>715</b>	<b>67%</b>
Associate Level	2011/12	93	49	53%
	2012/13	94	51	54%
	2013/14	96	41	43%
	2014/15	99	56	57%
	2015/16	100	64	64%
	<b>Total</b>	<b>482</b>	<b>261</b>	<b>54%</b>
Basic Skills	2011/12	207	132	64%
	2012/13	219	128	58%
	2013/14	188	118	63%
	2014/15	192	119	62%
	2015/16	228	156	68%
	<b>Total</b>	<b>1,034</b>	<b>653</b>	<b>63%</b>
<b>Math Total</b>		<b>2,585</b>	<b>1,629</b>	<b>63%</b>
<b>All Colleges Math Total</b>		<b>9,960</b>	<b>5,957</b>	<b>60%</b>

Source: SDCCD Information System

Note. Tutoring and cancelled classes are excluded. Only students enrolled as of official census are counted in the enrollments.

Note. Students who enrolled within four years of high school completion are first-time to college high school graduates.