



SDCCD Transfer Report 2014-15 to 2018-19

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Introduction

California community colleges continue to focus on supporting transfer preparedness and access to affordable higher education, as mandated by legislation like AB705 and AB19. This focus is redefined in the Vision for Success document (2019), which sets ambitious transfer-related goals within the context of the complex challenges facing California community colleges. Perhaps the most ambitious goal in Vision for Success is increasing the number of students who transfer to a California public university by 35%. Challenges to accomplishing this goal include the high average number of units students accumulate before transferring, completion of transfer-level math and English courses, and achievement gaps among African American, American Indian/Alaskan, Hispanic, and Pacific Islander students. These challenges are compounded in the San Diego region by significant impactation at San Diego State University (SDSU) and University of California, San Diego (UCSD).

Transfer-related data is notoriously complex, as students come from diverse educational backgrounds, experience community college in a variety of ways, and transfer (or don't) for many reasons. To best situate SDCCD in this dynamic landscape, three metrics of student transfer are presented in this report: transfer volume, transfer rate, and transfer prepared rate. Data are disaggregated by college to show differences within the district, and by gender and ethnicity as part of the necessary equity lens for viewing data and information of this type.

Overview of metrics used in this report

Transfer volume is a broad metric which reports transfer data for students from varied academic backgrounds. Transfer volume depicts a holistic picture: *it is the raw number of students serviced by SDCCD who enrolled in a four-year institution in a given year*. Transfer volume identifies the overall number of transfers, which may be valuable information when used in tandem with enrollment trends to determine whether or not there have been equitable support services among segments in the population. Because transfer volume is not tied to a cohort, it is a snapshot of SDCCD students' transfer achievements in each of the last five years.

Transfer rate tracks a cohort of *students with similar qualities that characterize a particular transfer behavior over a specified period of time*¹. Because it is based on a six-year cohort, conclusions made regarding transfer rate are relevant to the six years prior to the end of the cohort.

Transfer prepared rate adds students who have made significant progress towards transfer but don't transfer or obtain an Associate's degree to the transfer rate. To achieve transfer-prepared status, a student must successfully complete 60 UC/CSU transferable units with a GPA greater than or equal to 2.0 without earning an associate degree. Transfer prepared students are evidence of both the work that community colleges are doing to achieve Vision for Success goals, and the challenges they face in preparing students for transfer and removing transfer-related obstacles.

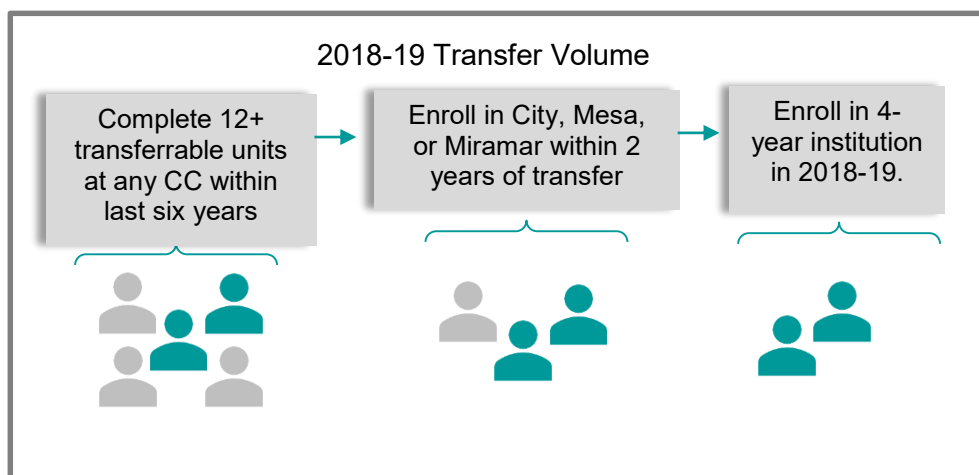
¹ Students who complete six units in a three-year period and attempt any English or math course display *intent-to-transfer*. Such students are grouped by the year of their first enrollment at City, Mesa, or Miramar and the college they first registered. They are tracked for six years as part of a cohort. It excludes students with prior enrollment at a 4-year institution.

Methodology

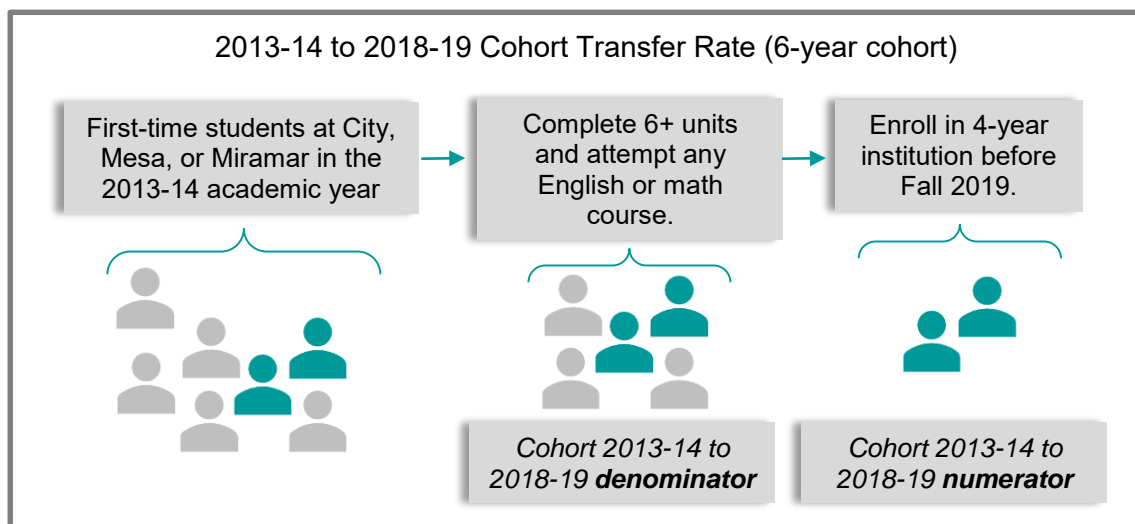
Transfer Volume: Data for students who attended one of the District’s three colleges – City, Mesa, or Miramar – were sent to the National Student Clearinghouse (NSC) and matched against a transfer student database, which includes data from public and private 4-year institutions that enroll over 99% of all college students in the U.S.

Transfer volume in this report is *the number of students who transferred from SDCCD to a 4-year university who met two conditions: (1) complete 12 or more transferrable units at any community college within six years prior to transfer, and (2) enroll at City, Mesa, or Miramar within two years prior to transfer.*

This methodology captures both students who were first-time students at another community college system and students who were first-time at SDCCD.

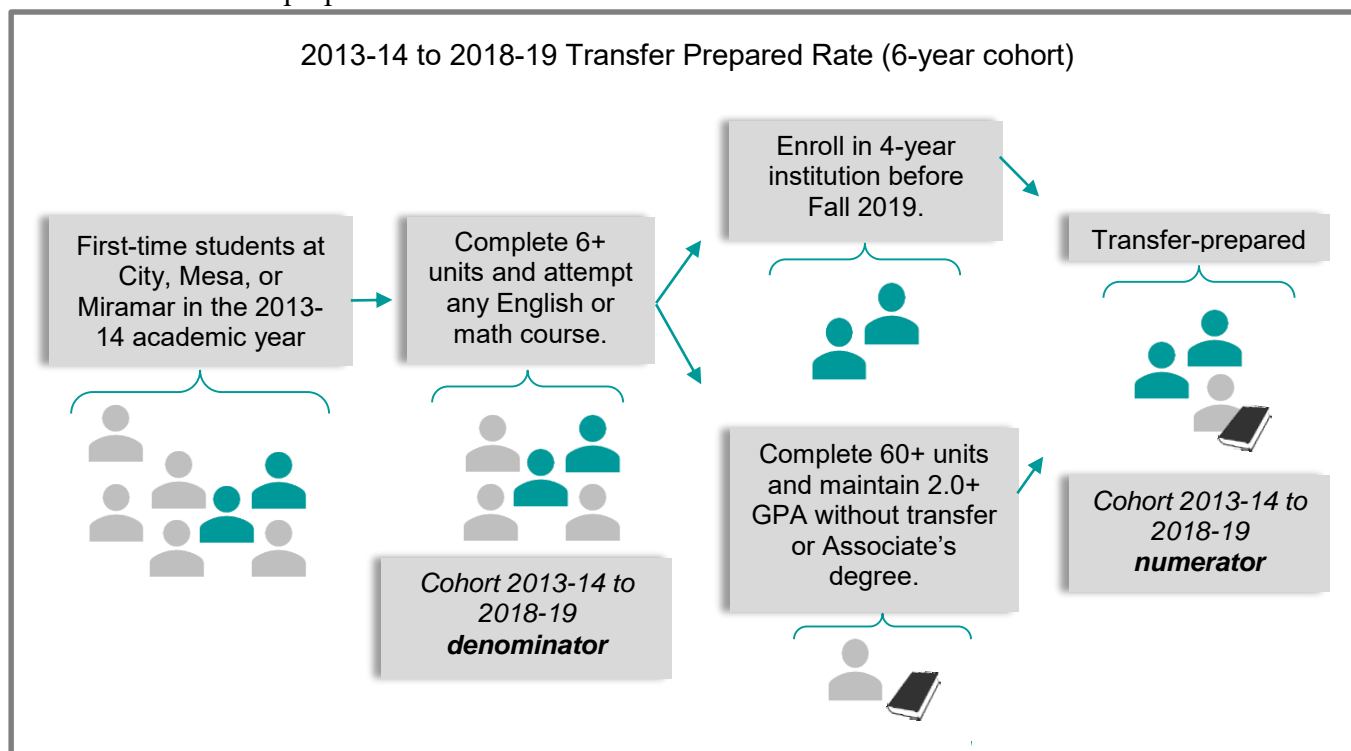


Transfer Rate: Data for the transfer rate tables and figures no longer comes from the California Community Colleges Chancellor’s Office (CCCCO) Data on Demand system. Cohorts are identified from SDCCD’s Institutional Research database and this is the first report that attempts to replicate the methodology used by the CCCCCO. Numbers at each individual college are lower because this methodology does not allow students to be counted at two credit colleges. The data includes three different cohorts whose outcomes (i.e., transfer to a 4-year institution) were tracked for 6 years each. Cohorts consist of first-time students at City, Mesa, or Miramar colleges who completed six units in a three year period and attempted any English or math



course². To calculate the transfer rate, the number of students who successfully transferred to a 4-year institution was divided by the initial cohort and then multiplied by 100. Students with NSC records to a 4-year institution prior to enrollment at SDCCD were excluded. This methodology was used for the three cohort groups included in this report. Prior transfer reports used data from the CCCCO's Data on Demand system to determine cohorts. This new methodology that relies on SDCCD's Institutional Research databases has resulted in smaller cohort sizes than from the CCCCO's Data on Demand.

Transfer Prepared Rate: Students who reach transfer prepared status, but do not transfer to a 4-year institution or obtain an associate degree, are added to students who transfer to a 4-year institution to calculate the transfer prepared rate. Students are transfer prepared when they have successfully completed 60 UC/CSU transferable units with a GPA greater than or equal to 2.0. The cohort parameters used to define transfer rate (first-time students at City, Mesa, or Miramar colleges who completed six units in a three-year period, attempted any English or math course, and have no prior enrollments at a 4-year institution) also apply to this definition of transfer prepared.



Cohorts are identified from SDCCD's Institutional Research database and this is the first report that attempts to replicate the methodology used by the CCCCO. Numbers at each individual college are lower because this methodology does not allow students to be counted at two credit colleges.

² Due to blocks on data intended to protect student privacy, both groups used to report transfer volume and transfer rates may include students who initially took courses at another institution.

Highlights

Transfer Volume

1. Transfer volume has increased each of the previous five years. There were 1,319 more transfers from SDCCCD to a 4-year institution in 2018-19 than in 2014-15, and 545 more (13%) than the previous year. *Page 8*
2. *Transfer Volume by Destination:* About two-thirds of students who transfer from the SDCCCD colleges have transferred to a UC or CSU over the last five years (2014-15: 61%, 2018-19: 65%). *Pages 10 to 14*
 - San Diego State University (SDSU) has historically accounted for the largest percent of SDCCCD transfer volume (between 29% and 32% of transfers over the last five years).
 - Almost half of 2018-19 SDCCCD transfers went to a local public university (SDSU: 29%, UCSD: 12%, CSUSM: 6%).
 - Compared to 2017-18, transfer volume to UCSD and CSUSM increased significantly among 2018-19 transfers (+50% and +81%, respectively).
3. *Transfer Volume by Ethnicity:* In 2018-19, representation in transfer volume by ethnicity was within 2% of the student population for all groups except:
 - white students, who were over-represented (36% of transfer volume compared to 32% of the student population),
 - Asian/Pacific Islander students, who were also over-represented (14% of transfer volume compared to 10% of the student population)
 - Latinx students, who were under-represented (31% of transfer volume compared to 37% of the student population).
4. The rate of under-representation for Latinx students has decreased slightly since 2014-15, when they accounted for 27% of transfer volume compared to 34% of the student population³. *Pages 15 to 17*
5. *Transfer Volume by Gender:* Transfer volume by gender has been similar to the student population serviced by SDCCCD across the last five years (up to 2% difference).

Transfer Rate

6. Transfer rates have declined slightly, from 34% of the 2011-12 cohort to 33% of the 2013-14 cohort. Cohort size has increased at each college but the rate of students who transferred varies by institution. City College increased number of transfers and increased transfer rates slightly (+1%). Mesa College increased the number of transfers but not at the same rate as the cohort has increased (-1%). Miramar college transfer numbers in the 2013-14 cohort are similar to the 2011-12 cohort and transfer rates have decreased from the 2011-12 cohort (-4%).
7. Overall transfer rates by ethnicity have stayed fairly similar ($\pm 1\%$) for most groups, with three groups showing a decrease: American Indian (-23%), two or more races (-5%), and unreported ethnicities (-10%). Transfer rates for African American students remain the second lowest⁴ at 27%, ahead of Latinx students (26%).
8. The average number of years it takes students that transfer to transfer is around 3.5 years.

³ *San Diego Community College District Enrollment Almanac (2018).*

⁴ Excluding American Indian students due to small cohort size

Transfer Prepared Rate

9. Overall transfer prepared rates have decreased slightly over the last three years. However, there is a similar proportion of students that are becoming transfer prepared without actually transferring. These students comprised 22% of the 2011-12 and 2013-14 transfer prepared cohorts. While transfer prepared rates changed slightly for most student groups, they decreased since 2011-12 for American Indian (-50%) and unreported ethnicities (-11%).
10. Most transferred prepared students have passed a transfer English course. Nearly all students that who passed transfer math also passed a transfer English course, showing that transfer-level math is a greater barrier to transfer prepared students than transfer-level English.

Transfer-level Unit Completion and GPA

11. There is a strong relationship between transfer-level unit completion and transfer course outcomes for students that did not transfer. A greater proportion of students with lower transfer course GPA have fewer transfer units completed. Students that did not succeed, or succeed well (below 2.0 GPA) in transfer-level courses do not continue to complete enough transfer units to be Transfer Prepared.

Transfer Volume

The number of students who transferred from a SDCCD college to a 4-year university has increased each year from 2014-15 to 2018-19. Compared to the 2017-18 academic year, transfer volume across the colleges increased by 13%. Growth in transfer volume compared to 2017-18 was most significant at Miramar College (+35%).

Figure 1. Overall Transfer Volume for All Colleges and by College 2014-15 to 2018-19

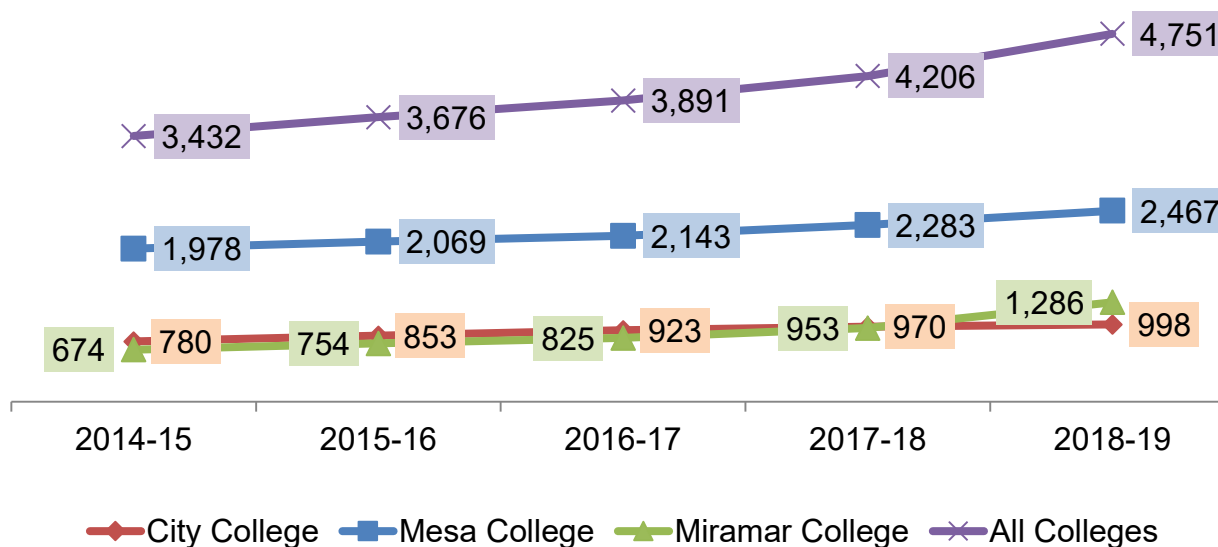


Table 1. Overall Transfer Volume for All Colleges and by Colleges from 2014-15 to 2018-19

	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 14/15-18/19	% Change 17/18-18/19
City College	780	853	923	970	998	28%	3%
Mesa College	1,978	2,069	2,143	2,283	2,467	25%	8%
Miramar College	674	754	825	953	1,286	91%	35%
All Colleges	3,432	3,676	3,891	4,206	4,751	38%	13%

Source: National Student Clearinghouse

Transfer Volume by Demographics

Transfer volume has increased for each ethnic group over the past five years. In 2018-19, representation in transfer volume by ethnicity was within 2% of the student population for all groups except for white students (over-represented among transfers), Asian/Pacific Islander students (over-represented among transfers), and Latinx students (under-represented among transfers)⁵.

While Latinx students were under-represented in transfer volume in each of the last five years, the percent of total transfers accounted for by Latinx students has increased, from 27% of total transfers in 2014-15 to 31% in 2018-19. Latinx students have grown as a percent of the student population from 34% in 2013-14 to 37% in 2017-18.

Table 2. Over- and under- representation in Transfer Volume, by Ethnicity

	2013-14		2014-15		2017-18		2018-19	
	% of Population		% of Transfers		% of Population		% of Transfers	
Latinx	34%		27%		37%		31%	
Asian/Pacific Islander	11%		13%		10%		14%	
White	33%		40%		32%		36%	

Table 3. All Colleges Transfer Volume by Ethnicity from 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		All Colleges Average 14/15-18/19	% Change 14/15-18/19	% Change 17/18-18/19
	Count	%	Count	%	Count	%	Count	%	Count	%			
African American	230	7%	232	6%	228	6%	213	5%	270	6%	6%	17%	27%
American Indian	10	0%	13	0%	5	0%	8	0%	13	0%	0%	30%	63%
Asian/Pacific Islander	437	13%	468	13%	545	14%	525	12%	648	14%	13%	48%	23%
Filipino	169	5%	186	5%	181	5%	214	5%	253	5%	5%	50%	18%
Latinx	921	27%	1,053	29%	1,168	30%	1,318	31%	1,463	31%	30%	59%	11%
White	1,356	40%	1,449	39%	1,466	38%	1,575	37%	1,717	36%	38%	27%	9%
Other	211	6%	217	6%	243	6%	281	7%	320	7%	6%	52%	14%
Unreported	98	3%	58	2%	55	1%	72	2%	67	1%	2%	-32%	-7%
Total	3,432	100%	3,676	100%	3,891	100%	4,206	100%	4,751	100%	100%	38%	13%

Source: National Student Clearinghouse

Transfer volume by gender has been similar to the student population serviced by SDCCD across the last five years (up to 2% difference).

Table 4. All Colleges Transfer Volume by Gender from 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		All Colleges Average 14/15-18/19	% Change 14/15-18/19	% Change 17/18-18/19
	Count	%	Count	%	Count	%	Count	%	Count	%			
Female	1,726	50%	1,878	51%	2,002	51%	2,194	52%	2,484	52%	52%	44%	13%
Male	1,704	50%	1,798	49%	1,889	49%	2,012	48%	2,267	48%	48%	33%	13%
Unreported	2	0%	0	0%	0	0%	0	0%	0	0%	0%	-100%	---
Total	3,432	100%	3,676	100%	3,891	100%	4,206	100%	4,751	100%	100%	38%	13%

Source: National Student Clearinghouse

⁵ Comparisons to the all colleges population are for the last academic year transfer students would have attended an SDCCD college (2018-19 transfers would have last attended SDCCD in 2017-18). Ethnicity information for the SDCCD colleges from Enrollment Almanac 2018.

Transfer Volume: Top Transfer Institutions

A majority of transfer students from SDCCD have transferred to a California State University (CSU) or University of California (UC) institution over the last five years. The percent of all transfers to a CSU or UC has increased, from 61% in 2014-15 (2,084 of all 3,432 transfers) to 65% (3,100 of 4,751 transfers).

Table 5. All Colleges- Transfer Volume to a UC or CSU 2014-15 to 2018-19

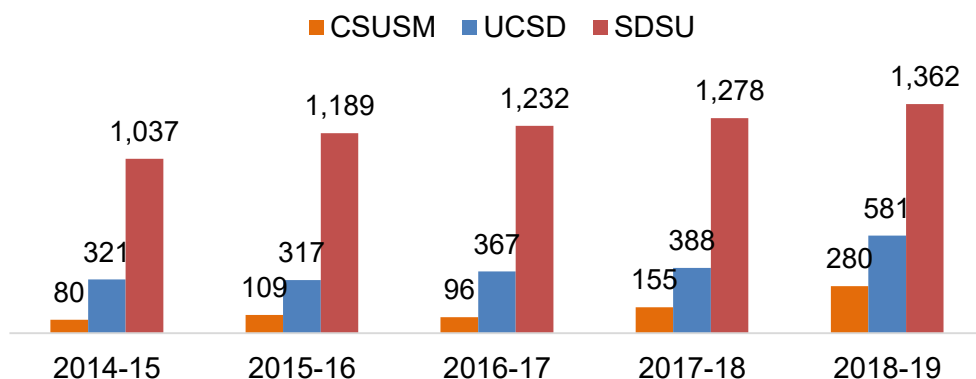
	2014-15	2015-16	2016-17	2017-18	2018-19	% Change 14/15-18/19	% Change 17/18-18/19
City College	439	517	577	607	638	45%	5%
Mesa College	1,244	1,330	1,383	1,485	1,639	32%	10%
Miramar College	401	488	528	621	823	105%	33%
All Colleges	2,084	2,335	2,488	2,713	3,100	49%	14%

Source: National Student Clearinghouse

Transfer Volume: Local Public Universities

Of 4,751 SDCCD transfers in 2018-19, almost half (47%) transferred to a local public university (SDSU: 29%, UCSD: 12%, CSUSM: 6%). Compared to 2017-18, transfer volume to UCSD and SDSU increased significantly (+50% and +81%, respectively).

Figure 2. Transfer Volume to Local Public Universities



Local Public Universities
Name Key

CSUSM: California State University, San Marcos

UCSD: University of California, San Diego

SDSU: San Diego State University

Table 6. Percent Change in Transfer Volume Compared to Previous Year

	2014-15	2015-16	2016-17	2017-18	2018-19
San Diego State University	--	15%	4%	4%	7%
University of California, San Diego	--	-1%	16%	6%	50%
CSU San Marcos	--	36%	-12%	61%	81%

Figure 3. All Colleges- Top 4-Year Transfer Institutions 2014-15 to 2018-19, by five-year total of transfers

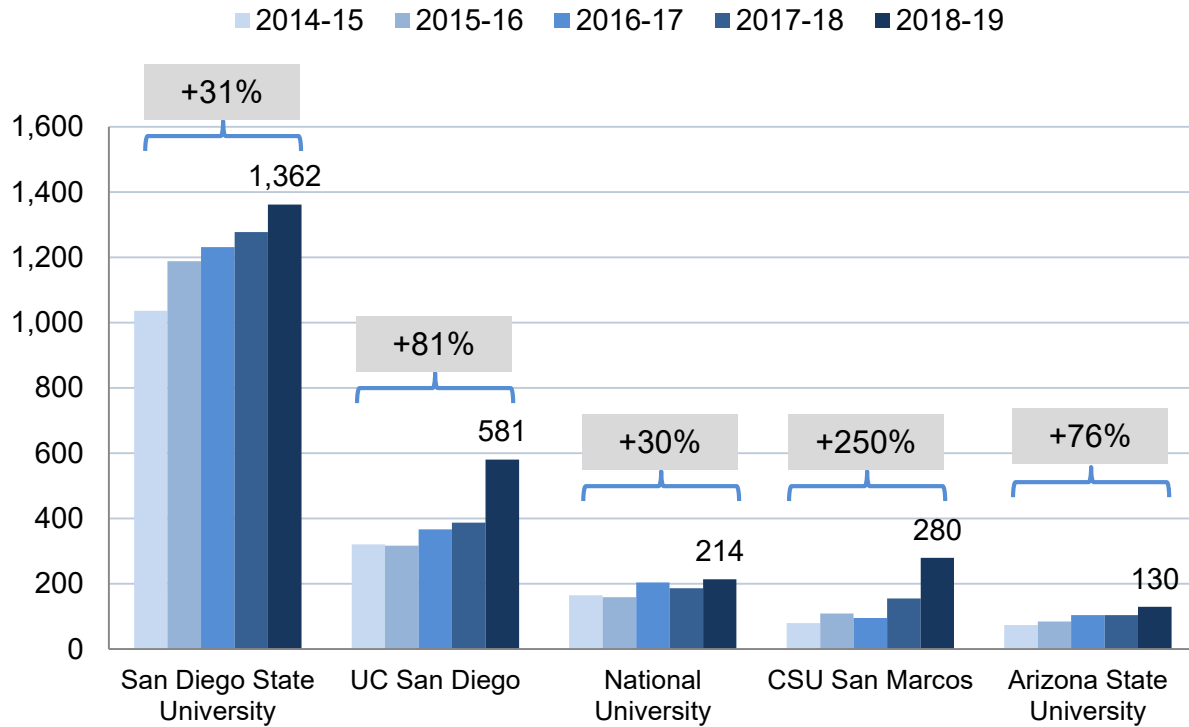


Table 7. All Colleges- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
	Transfers	%	Transfers	%	Transfers	%	Transfers	%	Transfers	%		
San Diego State University	1,037	30%	1,189	32%	1,232	32%	1,278	30%	1,362	29%	31%	7%
UC San Diego	321	9%	317	9%	367	9%	388	9%	581	12%	81%	50%
National University	165	5%	159	4%	204	5%	187	4%	214	5%	30%	14%
CSU San Marcos	80	2%	109	3%	96	2%	155	4%	280	6%	250%	81%
Arizona State University	74	2%	85	2%	104	3%	104	2%	130	3%	76%	25%
Other Institutions	1,755	51%	1,817	49%	1,888	49%	2,094	50%	2,184	46%	24%	4%
Total	3,432	100%	3,676	100%	3,891	100%	4,206	100%	4,751	100%	38%	13%

Source: National Student Clearinghouse

Note. Top transfer institutions in the table above include those with the largest sum of transfers over the last five years.

Figure 4. City College- Top 4-Year Transfer Institutions 2014-15 to 2018-19, by five-year total of transfers

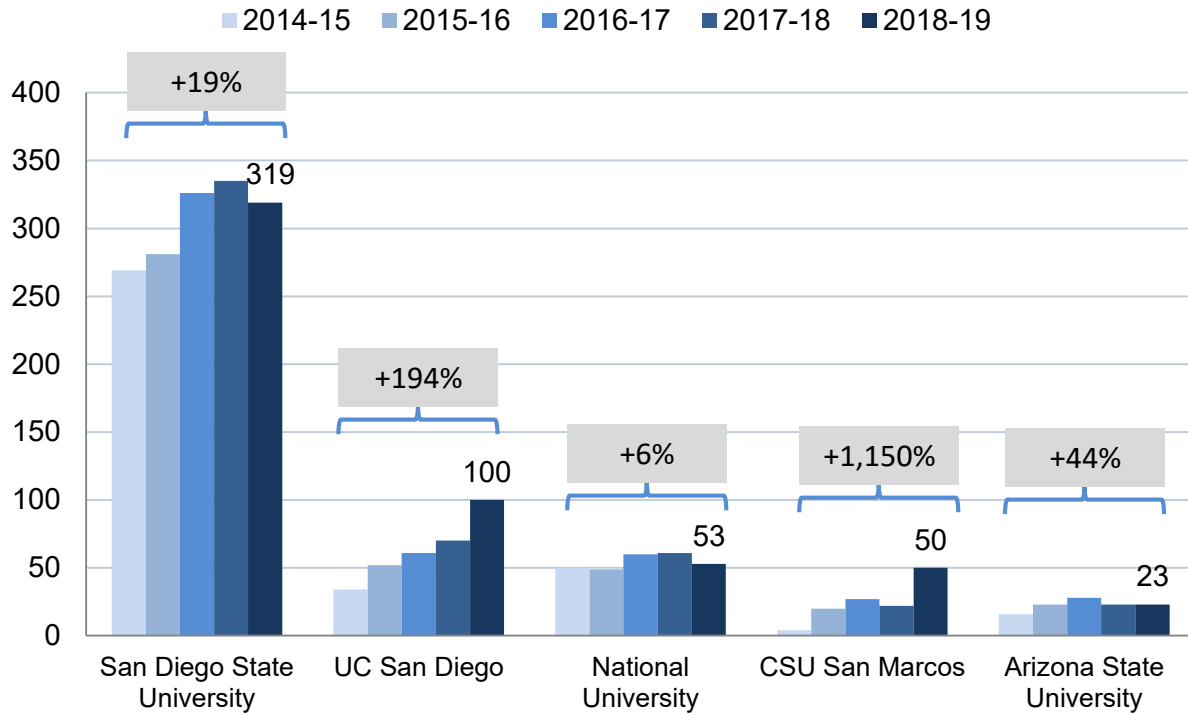


Table 8. City College- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	269	34%	281	33%	326	35%	335	35%	319	32%	19%	-5%
UC San Diego	34	4%	52	6%	61	7%	70	7%	100	10%	194%	43%
National University	50	6%	49	6%	60	7%	61	6%	53	5%	6%	-13%
CSU San Marcos	4	1%	20	2%	27	3%	22	2%	50	5%	1150%	127%
Arizona State University	16	2%	23	3%	28	3%	23	2%	23	2%	44%	0%
Other Institutions	407	52%	428	50%	421	46%	459	47%	453	45%	11%	-1%
Total	780	100%	853	50%	923	54%	970	53%	998	55%	28%	3%

Source: National Student Clearinghouse

Note. Top transfer institutions in the table above include those with the largest sum of transfers over the last five years.

Figure 5. Mesa College- Top 4-Year Transfer Institutions 2014-15 to 2018-19, by five-year total of transfers

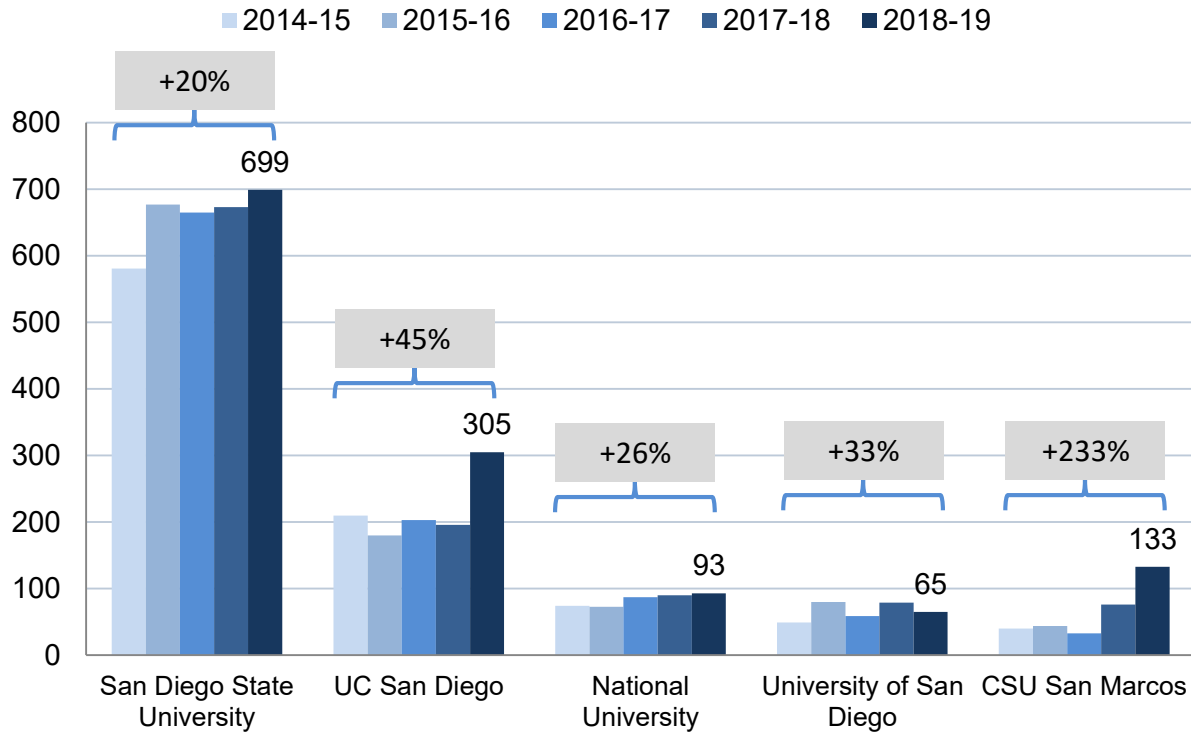


Table 9. Mesa College- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	581	29%	677	33%	665	31%	673	29%	699	28%	20%	4%
UC San Diego	210	11%	180	9%	203	9%	196	9%	305	12%	45%	56%
National University	74	4%	73	4%	87	4%	90	4%	93	4%	26%	3%
University of San Diego	49	2%	80	4%	59	3%	79	3%	65	3%	33%	-18%
CSU San Marcos	40	2%	44	2%	33	2%	76	3%	133	5%	233%	75%
Other Institutions	1,024	52%	1,015	49%	1,096	51%	1,169	51%	1,172	48%	14%	0%
Total	1,978	100%	2,069	51%	2,143	49%	2,283	49%	2,467	52%	25%	8%

Source: National Student Clearinghouse

Note. Top transfer institutions in the table above include those with the largest sum of transfers over the last five years.

Figure 6. Miramar College- Top 4-Year Institutions 2014-15 to 2018-19, by five-year total of transfers

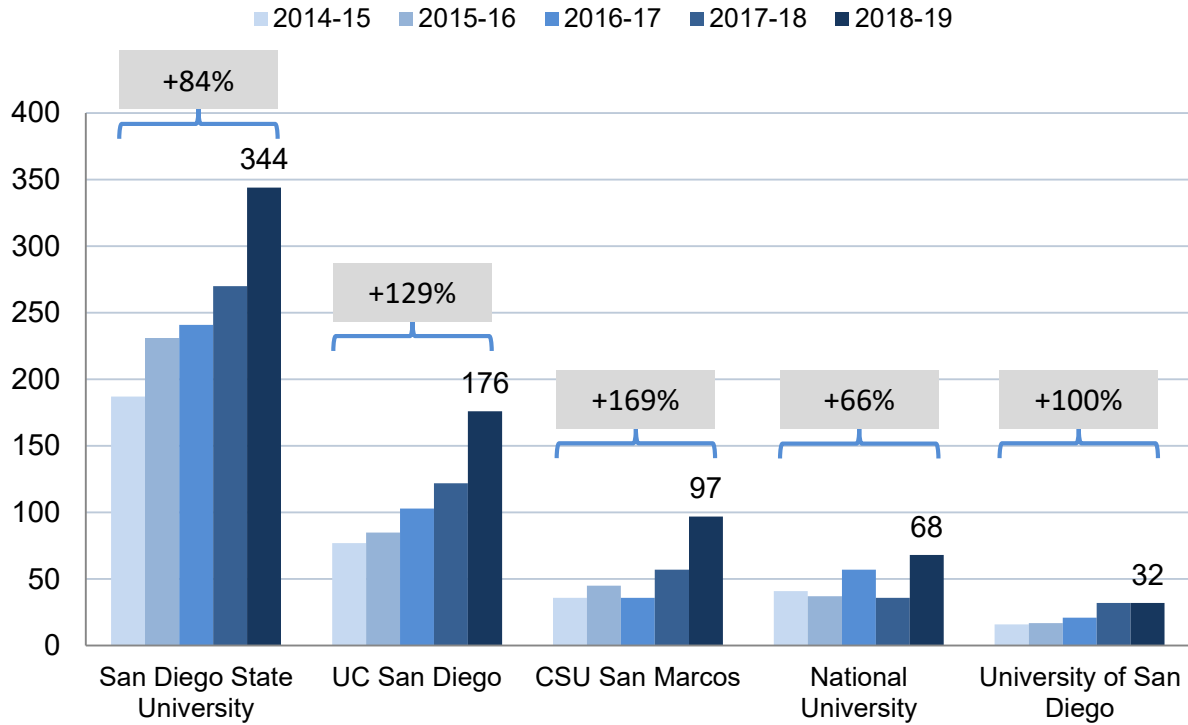


Table 10. Miramar College- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	187	28%	231	31%	241	29%	270	28%	344	27%	84%	27%
UC San Diego	77	11%	85	11%	103	12%	122	13%	176	14%	129%	44%
CSU San Marcos	36	5%	45	6%	36	4%	57	6%	97	8%	169%	70%
National University	41	6%	37	5%	57	7%	36	4%	68	5%	66%	89%
University of San Diego	16	2%	17	2%	21	3%	32	3%	32	2%	100%	0%
Other Institutions	317	47%	339	45%	367	44%	436	46%	569	44%	79%	31%
Total	674	100%	754	55%	825	56%	953	54%	1,286	56%	91%	35%

Source: National Student Clearinghouse

Note. Top transfer institutions in the table above include those with the largest sum of transfers over the last five years.

Transfer Volume: Top Transfer Destinations by Ethnicity

The top 4-year transfer destination was SDSU among all ethnic groups over the last 5 years. UCSD was each ethnic group's second or third most common destination. National University was either the second or third most common destination by all ethnicities except Asian/Pacific Islander.

Table 11 Key. ASU: Arizona State University, NU: National University, SDSU: San Diego State University, UCLA: University of California, Los Angeles, UCSD: University of California, San Diego

Table 11. Top 3 Transfer Destinations, by Ethnicity

	#1	#2	#3
African American	SDSU	NU	UCSD
American Indian	SDSU	NU	*
Asian/Pac. Islander	SDSU	UCSD	UCLA
Filipino	SDSU	NU	UCSD
Latinx	SDSU	UCSD	NU
White	SDSU	UCSD	NU

* The third most common transfer destination for American Indian students was a tie between University of Phoenix, UCSD and ASU.

It should be noted that the top five transfer destinations were derived from the sum of transfer volume over the last five years.

Table 12. African American- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	59	26%	63	27%	70	31%	60	28%	60	22%	2%	0%
National University	16	7%	19	8%	20	9%	12	6%	15	6%	-6%	25%
UC San Diego	12	5%	14	6%	15	7%	15	7%	12	4%	0%	-20%
University Of Phoenix	11	5%	8	3%	1	0%	6	3%	4	1%	-64%	-33%
CSU San Marcos	5	2%	6	3%	4	2%	7	3%	8	3%	60%	14%
Other Institutions	127	55%	122	53%	118	52%	113	53%	171	63%	35%	51%
Total	230	100%	232	100%	228	100%	213	100%	270	100%	17%	27%

Source: National Student Clearinghouse

Table 13. American Indian- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	3	30%	2	15%	0	0%	1	13%	3	23%	0%	200%
National University	1	10%	0	0%	2	40%	1	13%	2	15%	100%	100%
University Of Phoenix	0	0%	2	15%	0	0%	0	0%	1	8%	---	---
UC San Diego	1	10%	1	8%	0	0%	0	0%	1	8%	0%	---
Arizona State University	1	10%	0	0%	1	20%	1	13%	0	0%	-100%	-100%
Other Institutions	4	40%	8	62%	2	40%	5	63%	6	46%	50%	20%
Total	10	100%	13	100%	5	100%	8	100%	13	100%	30%	63%

Source: National Student Clearinghouse

Table 14. Asian/Pacific Islander- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	126	29%	137	29%	169	31%	139	26%	176	27%	40%	27%
UC San Diego	102	23%	101	22%	119	22%	106	20%	157	24%	54%	48%
UC Los Angeles	19	4%	16	3%	25	5%	20	4%	27	4%	42%	35%
UC Berkeley	15	3%	9	2%	23	4%	31	6%	19	3%	27%	-39%
CSU San Marcos	10	2%	10	2%	13	2%	15	3%	34	5%	240%	127%
Other Institutions	165	38%	195	42%	196	36%	214	41%	235	36%	42%	10%
Total	437	100%	468	100%	545	100%	525	100%	648	100%	48%	23%

Source: National Student Clearinghouse

Table 15. Filipino- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	61	36%	63	34%	72	40%	80	37%	83	33%	36%	4%
National University	21	12%	15	8%	20	11%	16	7%	30	12%	43%	88%
UC San Diego	15	9%	17	9%	15	8%	17	8%	34	13%	127%	100%
CSU San Marcos	7	4%	9	5%	13	7%	9	4%	24	9%	243%	167%
San Francisco State University	3	2%	7	4%	4	2%	5	2%	4	2%	33%	-20%
Other Institutions	62	37%	75	40%	57	31%	87	41%	78	31%	26%	-10%
Total	169	100%	186	100%	181	100%	214	100%	253	100%	50%	18%

Source: National Student Clearinghouse

Table 16. Latinx- Top 4-Year Transfer Institutions 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
San Diego State University	325	35%	399	38%	440	38%	443	34%	486	33%	50%	10%
UC San Diego	49	5%	64	6%	82	7%	99	8%	150	10%	206%	52%
National University	43	5%	51	5%	59	5%	63	5%	59	4%	37%	-6%
CSU San Marcos	10	1%	34	3%	25	2%	50	4%	98	7%	880%	96%
Arizona State University	16	2%	19	2%	36	3%	32	2%	44	3%	175%	38%
Other Institutions	478	52%	486	46%	526	45%	631	48%	626	43%	31%	-1%
Total	921	100%	1,053	100%	1,168	100%	1,318	100%	1,463	100%	59%	11%

Source: National Student Clearinghouse

Table 17. White- Top 4-Year Transfer Institution 2014-15 to 2018-19

	2014-15		2015-16		2016-17		2017-18		2018-19		% Change 14/15-18/19	% Change 17/18-18/19
	Count	%	Count	%	Count	%	Count	%	Count	%		
San Diego State University	368	27%	442	31%	401	27%	447	28%	452	26%	23%	1%
UC San Diego	116	9%	99	7%	115	8%	123	8%	190	11%	64%	54%
National University	61	4%	43	3%	75	5%	69	4%	75	4%	23%	9%
CSU San Marcos	40	3%	43	3%	34	2%	62	4%	97	6%	143%	56%
University of San Diego	43	3%	53	4%	41	3%	54	3%	56	3%	30%	4%
Other Institutions	728	54%	769	53%	800	55%	820	52%	847	49%	16%	3%
Total	1,356	100%	1,449	100%	1,466	100%	1,575	100%	1,717	100%	27%	9%

Source: National Student Clearinghouse

Transfer Rate

Transfer rate cohorts include first-time students at City, Mesa, and Miramar Colleges who earned six or more units, attempted any English or math course, and have no prior 4-year enrollments⁶. Compared to groups from which transfer volume is reported, transfer rate cohorts are more constrained.

Transfer rates, which track the transfer-related outcomes of first-time, intent-to-transfer⁷ students at City, Mesa, and Miramar colleges, vary by institution. About 1 in 4 City College students transfer within six years, a rate that remained relatively stable over the three most recent cohorts. Between 36% and 37% of Mesa College students transferred. Miramar College transfer cohorts experienced a decrease in transfer rates – from 43% of the 2011-12 cohort to 39% of the 2013-14 cohort.

It should be noted that overall transfer numbers are lower than in previous reporting. This is due to cohort identification strictly coming from SDCCD’s Institutional Research database and that cohort and transfer students are not counted at multiple credit colleges.

Figure 7. Overall Transfer Rate by College

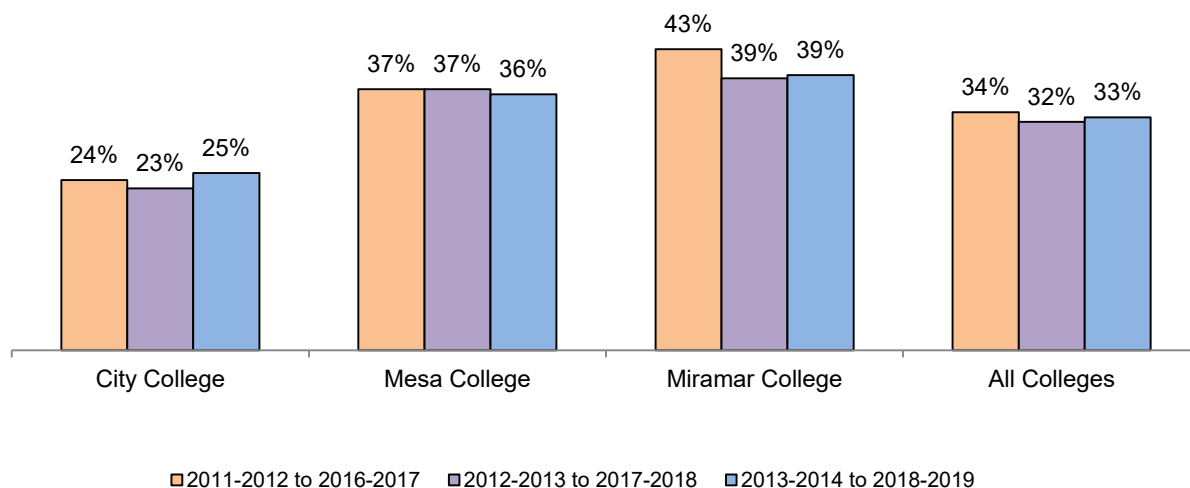


Table 18. Overall Transfer Rate by College

	Cohort									College Average 2011-12 to 2013-14
	2011-2012 to 2016-2017			2012-2013 to 2017-2018			2013-2014 to 2018-2019			
	Cohort	N	Percent	Cohort	N	Percent	Cohort	N	Percent	
City College	1,601	387	24%	1,684	387	23%	1,700	428	25%	24%
Mesa College	2,038	756	37%	2,045	759	37%	2,127	774	36%	37%
Miramar College	982	420	43%	1,043	403	39%	1,061	415	39%	40%
All Colleges	4,621	1,563	34%	4,772	1,549	32%	4,888	1,617	33%	33%

Source: National Student Clearinghouse

⁶ Prior 4-year enrollment was determined using data from the National Student Clearinghouse.

⁷ Students who complete six or more units in the first three years, attempt any English or math course prior to transfer and have no prior 4-year enrollments.

Transfer Rate by Ethnicity

This section disaggregates the initial transfer rate cohorts (first-time students who display intent-to-transfer⁸ behavior) by ethnicity; the transfer rates in the table below are the percent of each group's initial cohort that achieved transfer.

From the 2011-12 cohort to the 2013-14 cohort, Credit College transfer rates decreased by varying degrees for students with two or more races, and American Indian students. Transfer rates stayed similar or varied by 1% for African American, Asian/Pacific Islander/ Filipino, Latinx, and white students. Transfer rates by ethnicity varies at each college.

Table 19. All Colleges Overall Transfer Rate by Ethnicity

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=1,563)	2012-2013 to 2017-2018 (N=1,549)	2013-2014 to 2018-2019 (N=1,617)	
African American	26%	27%	27%	27%
American Indian	31%	23%	0%	22%
Asian/Pacific Islander	45%	39%	44%	43%
Filipino	42%	42%	43%	42%
Latinx	27%	27%	26%	26%
White	40%	40%	41%	40%
Two or More Races	39%	32%	34%	35%
Unreported	50%	32%	40%	40%
Total	34%	32%	33%	33%

Source: National Student Clearinghouse

Table 20. All Colleges Overall Transfer Rate by Ethnicity

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016- 2017		2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
African American	89	345	100	371	100	369	96	362
American Indian	5	16	3	13	0	8	3	12
Asian/Pacific Islander	243	544	197	505	221	497	220	515
Filipino	93	222	99	235	107	248	100	235
Latinx	530	1,998	579	2,150	560	2,172	556	2,107
White	465	1,157	458	1,146	489	1,198	471	1,167
Two or More Races	109	281	95	295	102	300	102	292
Unreported	29	58	18	57	38	96	28	70
Total	1,563	4,621	1,549	4,772	1,617	4,888	1,576	4,760

Source: National Student Clearinghouse

⁸ Students who complete six or more units, attempt any English or math course prior to transfer, and have no prior 4-year enrollment.

Table 21. City College Overall Transfer Rate by Ethnicity

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=387)	2012-2013 to 2017-2018 (N=387)	2013-2014 to 2018-2019 (N=428)	
African American	22%	20%	26%	23%
American Indian	33%	25%	--	29%
Asian/Pacific Islander	36%	36%	36%	36%
Filipino	34%	42%	51%	43%
Latinx	22%	19%	21%	21%
White	29%	34%	37%	33%
Two or More Races	24%	29%	21%	24%
Unreported	18%	24%	26%	24%
Total	24%	23%	25%	24%

Source: National Student Clearinghouse

Table 22. City College Overall Transfer Rate by Ethnicity

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016-2017		2012-2013 to 2017-2018		2013-2014 to 2018-2019			
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	39	179	39	193	48	184	42	185
American Indian	2	6	2	8	0	0	1	5
Asian/Pacific Islander	28	77	24	66	24	67	25	70
Filipino	13	38	20	48	28	55	20	47
Latinx	224	1,004	207	1,070	218	1,047	216	1,040
White	66	230	70	208	81	221	72	220
Two or More Races	12	50	20	70	16	76	16	65
Unreported	3	17	5	21	13	50	7	29
Total	387	1,601	387	1,684	428	1,700	401	1,662

Source: National Student Clearinghouse

Table 23. Mesa College Overall Transfer Rate by Ethnicity

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=756)	2012-2013 to 2017-2018 (N=759)	2013-2014 to 2018-2019 (N=774)	
African American	33%	30%	29%	30%
American Indian	33%	25%	0%	20%
Asian/Pacific Islander	41%	38%	43%	41%
Filipino	44%	42%	37%	41%
Latinx	31%	34%	31%	32%
White	41%	44%	42%	43%
Two or More Races	38%	30%	39%	36%
Unreported	64%	44%	47%	52%
Total	37%	37%	36%	37%

Source: National Student Clearinghouse

Table 24. Mesa College Overall Transfer Rate by Ethnicity

	Cohort						Average	
	2011-2012 to 2016-2017		2012-2013 to 2017-2018		2013-2014 to 2018-2019		2011-12 to 2013-14	
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	42	129	41	137	41	142	41	136
American Indian	3	9	1	4	0	7	1	7
Asian/Pacific Islander	116	280	90	240	106	245	104	255
Filipino	32	73	33	79	25	68	30	73
Latinx	245	779	280	831	281	902	269	837
White	244	593	269	612	251	592	255	599
Two or More Races	56	147	37	124	52	133	48	135
Unreported	18	28	8	18	18	38	15	28
Total	756	2,038	759	2,045	774	2,127	763	2,070

Source: National Student Clearinghouse

Table 25. Miramar College Overall Transfer Rate by Ethnicity

	Cohort			Average
	2011-2012 to 2016-2017 (N=420)	2012-2013 to 2017-2018 (N=403)	2013-2014 to 2018-2019 (N=415)	
African American	22%	49%	26%	32%
American Indian	0%	0%	0%	0%
Asian/Pacific Islander	53%	42%	49%	48%
Filipino	43%	43%	43%	43%
Latinx	28%	37%	27%	31%
White	46%	37%	41%	41%
Two or More Races	49%	38%	37%	41%
Unreported	62%	28%	88%	51%
Total	43%	39%	39%	40%

Source: National Student Clearinghouse

Table 26. Miramar College Overall Transfer Rate by Ethnicity

	Cohort						Average	
	2011-2012 to 2016-2017		2012-2013 to 2017-2018		2013-2014 to 2018-2019		2011-12 to 2013-14	
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	8	37	20	41	11	43	13	40
American Indian	0	1	0	1	0	1	0	1
Asian/Pacific Islander	99	187	83	199	91	185	91	190
Filipino	48	111	46	108	54	125	49	115
Latinx	61	215	92	249	61	223	71	229
White	155	334	119	326	157	385	144	348
Two or More Races	41	84	38	101	34	91	38	92
Unreported	8	13	5	18	7	8	7	13
Total	420	982	403	1,043	415	1,061	413	1,029

Source: National Student Clearinghouse

Transfer Rate by Gender

Across the colleges, the transfer rate for female students decreased from 35% of the 2011-12 cohort to 32% of the 2012-13 cohort, then returned to 35% of the 2013-14 cohort. Male students saw transfer rates decrease from 33% of the 2011-12 cohort to 31% of the 2013-14 cohort. These trends were similar at each of the colleges, with lower rates at City College, slightly higher rates at Mesa College, and higher rates for female students at Miramar College. Male students at Miramar College saw the largest decrease, from 40% of the 2011-12 cohort to 34% of the 2013-14 cohort.

Table 27. All Colleges Overall Transfer Rate by Gender

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=1,563)	2012-2013 to 2017-2018 (N=1,549)	2013-2014 to 2018-2019 (N=1,617)	
Female	35%	32%	35%	34%
Male	33%	33%	31%	32%
Unreported	--	0%	--	0%
Total	34%	32%	33%	33%

Source: National Student Clearinghouse

Table 28. All Colleges Overall Transfer Rate by Gender

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016- 2017		2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	759	2,199	768	2,373	856	2,438	794	2,337
Male	804	2,422	781	2,397	761	2,450	782	2,423
Unreported	0	0	0	2	0	0	0	1
Total	1,563	4,621	1,549	4,772	1,617	4,888	1,576	4,760

Source: National Student Clearinghouse

Table 29. City College Overall Transfer Rate by Gender

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=387)	2012-2013 to 2017-2018 (N=387)	2013-2014 to 2018-2019 (N=428)	
Female	25%	22%	26%	24%
Male	24%	24%	24%	24%
Unreported	--	0%	--	0%
Total	24%	23%	25%	24%

Source: National Student Clearinghouse

Table 30. City College Overall Transfer Rate by Gender

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016- 2017		2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	205	830	191	880	232	897	209	869
Male	182	771	196	802	196	803	191	792
Unreported	0	0	0	2	0	0	0	1
Total	387	1,601	387	1,684	428	1,700	401	1,662

Source: National Student Clearinghouse

Table 31. Mesa College Overall Transfer Rate by Gender

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=756)	2012-2013 to 2017-2018 (N=759)	2013-2014 to 2018-2019 (N=774)	
Female	38%	37%	38%	38%
Male	37%	37%	34%	36%
Unreported	---	---	---	---
Total	37%	37%	36%	37%

Source: National Student Clearinghouse

Table 32. Mesa College Overall Transfer Rate by Gender

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016- 2017		2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	356	945	389	1,040	408	1,061	384	1,015
Male	400	1,093	370	1,005	366	1,066	379	1,055
Unreported	0	0	0	0	0	0	0	0
Total	756	2,038	759	2,045	774	2,127	763	2,070

Source: National Student Clearinghouse

Table 33. Miramar College Overall Transfer Rate by Gender

	Cohort			Average 2011-12 to 2013-14
	2011-2012 to 2016-2017 (N=420)	2012-2013 to 2017-2018 (N=403)	2013-2014 to 2018-2019 (N=415)	
Female	47%	42%	45%	44%
Male	40%	36%	34%	37%
Unreported	---	---	---	---
Total	43%	39%	39%	40%

Source: National Student Clearinghouse

Table 34. Miramar College Overall Transfer Rate by Gender

	Cohort						Average 2011-12 to 2013-14	
	2011-2012 to 2016- 2017		2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	198	424	188	453	216	480	201	452
Male	222	558	215	590	199	581	212	576
Unreported	0	0	0	0	0	0	0	0
Total	420	982	403	1,043	415	1,061	413	1,029

Source: National Student Clearinghouse

Time to Transfer

This section shows transfer velocity, or number of years it takes transfer students to transfer to a 4-year university after starting their academic career at SDCCD and displaying intent-to-transfer behavior. Student transfer years are identified by the first semester they are attending a 4-year university from the National Student Clearinghouse. The time to transfer is 3.5 years. The average number of years varies by college (City: 3.71 years, Mesa: 3.39 years, Miramar: 3.59 years) but all three colleges have seen an increase in years to transfer (students take longer to transfer) from the 2011-12 cohort to 2013-14 cohort.

Table 35. All Colleges Overall Transfer Rate by Year

Cohort	Cumulative Percent of Cohort						Average Number of Years
	Up to 1 Year	Up to 2 Years	Up to 3 Years	Up to 4 Years	Up to 5 Years	Up to 6 Years	
2011-2012 (N=1,563)	10%	26%	52%	75%	90%	100%	3.45
2012-2013 (N=1,549)	8%	23%	51%	74%	89%	100%	3.54
2013-2014 (N=1,617)	7%	23%	52%	73%	89%	100%	3.57
College Average	8%	24%	52%	74%	89%	100%	3.52

Source: National Student Clearinghouse

Table 36. City College Overall Transfer Rate by Year

Cohort	Cumulative Percent of Cohort						Average Number of Years
	Up to 1 Year	Up to 2 Years	Up to 3 Years	Up to 4 Years	Up to 5 Years	Up to 6 Years	
2011-2012 (N=387)	12%	24%	45%	71%	90%	100%	3.58
2012-2013 (N=387)	9%	20%	45%	67%	83%	100%	3.75
2013-2014 (N=428)	6%	19%	43%	68%	86%	100%	3.79
College Average	9%	21%	45%	69%	86%	100%	3.71

Source: National Student Clearinghouse

Table 37. Mesa College Overall Transfer Rate by Year

Cohort	Cumulative Percent of Cohort						Average Number of Years
	Up to 1 Year	Up to 2 Years	Up to 3 Years	Up to 4 Years	Up to 5 Years	Up to 6 Years	
2011-2012 (N=756)	12%	28%	56%	77%	91%	100%	3.37
2012-2013 (N=759)	8%	27%	55%	78%	92%	100%	3.40
2013-2014 (N=774)	9%	27%	57%	78%	89%	100%	3.41
College Average	10%	27%	56%	77%	91%	100%	3.39

Source: National Student Clearinghouse

Table 38. Miramar College Overall Transfer Rate by Year

Cohort	Cumulative Percent of Cohort						Average Number of Years
	Up to 1 Year	Up to 2 Years	Up to 3 Years	Up to 4 Years	Up to 5 Years	Up to 6 Years	
2011-2012 (N=420)	6%	24%	53%	77%	91%	100%	3.49
2012-2013 (N=403)	6%	20%	49%	73%	91%	100%	3.61
2013-2014 (N=415)	3%	20%	51%	69%	90%	100%	3.66
College Average	5%	22%	51%	73%	91%	100%	3.59

Source: National Student Clearinghouse

Transfer Prepared Rate

This section of the report contains data for the transfer prepared rate, **which adds (a) the number of students who achieved transfer prepared status without transferring to (b) the number of students who transferred.** Students achieve transfer prepared status by completing 60 UC/CSU transferable units with a 2.0 or higher GPA, but do not transfer to a 4-year institution or receive an Associate’s degree. The RP group identifies these students as, “at the gate” (The RP Group, 2017). This metric demonstrates the percent of each transfer cohort who had the potential to transfer, as these students completed all or most benchmarks typically required for transfer. The percent of students who achieved transfer-prepare status but did not transfer (Figure 9) includes students who may have applied but were not accepted by a 4-year university and students who experienced life situations that prevented enrolling at a 4-year university.

The combined transfer rate for the three colleges declined 1% from 2011-12 to 2013-14. This decrease is similar to the decrease in transfer rate (1%). City College shows the largest percent of students that are transfer prepared but did not transfer (Figure 9).

Figure 8. Combined Transfer Prepared Rate by College

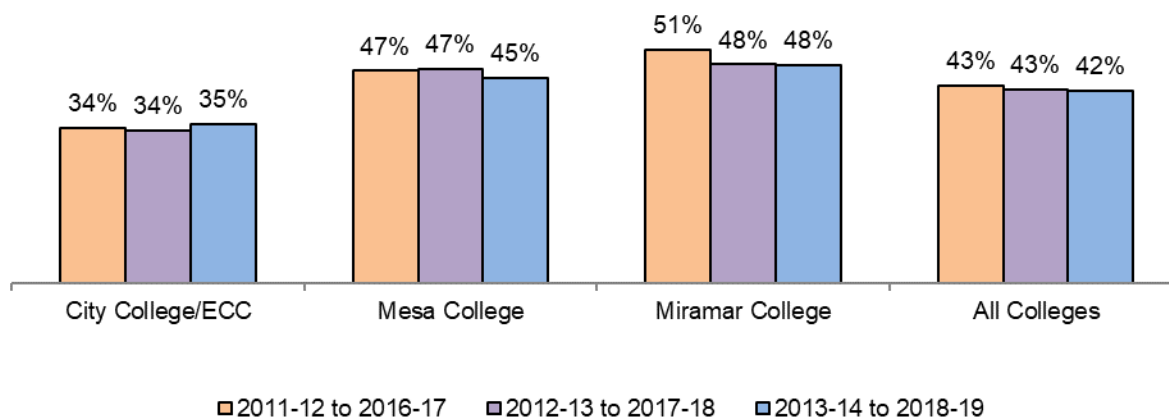
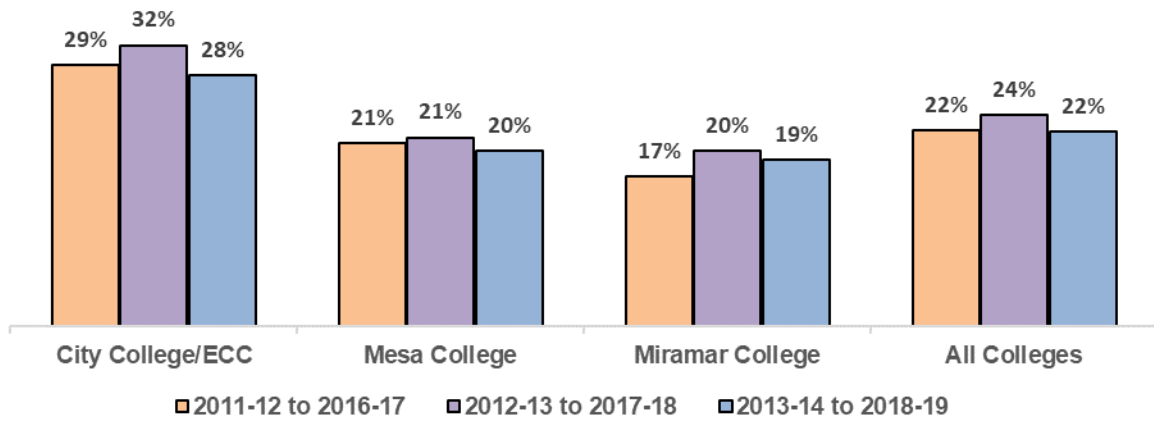


Table 39. Combined Transfer Prepared Rate by College

	Cohort									College Average 2011-12 to 2013-14
	2011-12 to 2016-17			2012-13 to 2017-18			2013-14 to 2018-19			
	Actual Transfers	Transfer Prepared	Combined Rate	Actual Transfers	Transfer Prepared	Combined Rate	Actual Transfers	Transfer Prepared	Combined Rate	
City College	387	160	34%	387	178	34%	428	168	35%	34%
Mesa College	756	196	47%	759	204	47%	774	189	45%	46%
Miramar College	420	85	51%	403	99	48%	415	95	48%	49%
All Colleges	1,563	441	43%	1,549	481	43%	1,617	452	42%	43%

Source: National Student Clearinghouse and SDCCD Information System

Figure 9. Percent of students who are transfer prepared, but did not transfer



Transfer Prepared Rate by Ethnicity and Gender

Table 40. All Colleges Combined Transfer Prepared Rate by Ethnicity

	Cohort			Average 2011-12 to 2013-14
	2011-12 to 2016-17 (N=2,004)	2012-13 to 2017-18 (N=2,030)	2013-14 to 2018-19 (N=2,069)	
African American	34%	35%	34%	34%
American Indian	50%	31%	0%	32%
Asian/Pacific Islander	57%	51%	56%	55%
Filipino	54%	53%	56%	54%
Latinx	36%	37%	35%	36%
White	48%	51%	49%	49%
Two or More Races	48%	42%	45%	45%
Unreported	62%	35%	51%	50%
Total	43%	43%	42%	43%

Source: National Student Clearinghouse and SDCCD Information System

Table 41. All Colleges Combined Transfer Prepared Rate by Gender

	Cohort			Average 2011-12 to 2013-14
	2011-12 to 2016-17 (N=2,004)	2012-13 to 2017-18 (N=2,030)	2013-14 to 2018-19 (N=2,069)	
Female	45%	42%	44%	44%
Male	42%	43%	40%	42%
Unreported	---	---	---	---
Total	43%	43%	42%	43%

Source: National Student Clearinghouse and SDCCD Information System

Transfer Prepared Students Completion of a Transfer level English and Math

Transfer Prepared students are students with 60+ UC/CSU units and a GPA of 2.0 or higher. However, to be considered transfer prepared the student does not need to have passed transfer-level math or English. Most transfer prepared 2013-14 cohort students who passed transfer math also passed a transfer English course, regardless of college (City: 100%, Mesa: 98%, 94%). Two-thirds of students that passed transfer-level English also passed a transfer-level math course although it varies by college (City: 50%, Mesa: 67%, Miramar: 76%). This is evidence that passing transfer level math is a barrier for many transfer students; it should be noted that the transfer window for students in these cohorts ended prior to the district's compliance with AB705, wherein all students are recommended to enroll in transfer level math and English.

Table 42. Completion of Transfer English and Transfer Math for Transfer Prepared that did not transfer by College

	Cohort								
	2011-12 to 2016-17			2012-13 to 2017-18			2013-14 to 2018-19		
	Passed Transfer English	Passed Transfer Math	Passed Transfer English and Math	Passed Transfer English	Passed Transfer Math	Passed Transfer English and Math	Passed Transfer English	Passed Transfer Math	Passed Transfer English and Math
City College	152	77	76	167	89	88	162	81	81
Mesa College	185	130	123	191	128	125	183	125	122
Miramar College	79	65	64	92	62	62	86	69	65
All Colleges	416	272	263	450	279	275	431	275	268

Source: SDCCD Information System

Transfer level unit completion and GPA for students that did not transfer or receive an Associate's degree

The tables below (Table 43 - Table 46) show the percent of students with a transfer unit GPA greater than 2.0, disaggregated by total number of UC/CSU transfer units earned within those six years. Regardless of cohort or college, fewer students with a GPA below 2.0 successfully complete⁹ more transfer-level courses.

Table 43. All Colleges Overall Transfer Unit Completion and GPA for non-Transfer and non-AA degree earners

UC/CSU Units Earned	GPA for Transfer Courses	Cohort			Average
		2011-12 (N=2,991)	2012-13 (N=3,122)	2013-14 (N=3,164)	
< 15 Units	GPA > 2.0	39%	38%	42%	40%
15-30 Units	GPA > 2.0	51%	51%	51%	51%
30-45 Units	GPA > 2.0	68%	68%	68%	68%
45-60 Units	GPA > 2.0	82%	76%	77%	78%
60+ Units	GPA > 2.0	90%	91%	89%	90%

⁹ Units earned includes enrollments resulting in one of the following grades: A, B, C, D, P.

Source: National Student Clearinghouse and SDCCD Information System

Table 44. City College Overall Transfer Unit Completion and GPA for non-Transfer Prepared

UC/CSU Units Earned	GPA for Transfer Courses	Cohort			College Average
		2011-12 (N=1,196)	2012-13 (N=1,269)	2013-14 (N=1,243)	
< 15 Units	GPA > 2.0	39%	39%	40%	40%
15-30 Units	GPA > 2.0	52%	56%	52%	53%
30-45 Units	GPA > 2.0	66%	73%	73%	71%
45-60 Units	GPA > 2.0	83%	78%	81%	81%
60+ Units	GPA > 2.0	91%	93%	89%	91%

Source: National Student Clearinghouse and SDCCD Information System

Table 45. Mesa College Overall Transfer Unit Completion and GPA for non-Transfer Prepared

UC/CSU Units Earned	GPA for Transfer Courses	Cohort			College Average
		2011-12 (N=1,253)	2012-13 (N=1,242)	2013-14 (N=1,304)	
< 15 Units	GPA > 2.0	37%	36%	42%	38%
15-30 Units	GPA > 2.0	47%	47%	50%	48%
30-45 Units	GPA > 2.0	65%	65%	64%	65%
45-60 Units	GPA > 2.0	78%	76%	74%	76%
60+ Units	GPA > 2.0	90%	89%	90%	90%

Source: National Student Clearinghouse and SDCCD Information System

Table 46. Miramar College Overall Transfer Unit Completion and GPA for non-Transfer Prepared

UC/CSU Units Earned	GPA for Transfer Courses	Cohort			College Average
		2011-12 (N=542)	2012-13 (N=611)	2013-14 (N=617)	
< 15 Units	GPA > 2.0	41%	40%	45%	43%
15-30 Units	GPA > 2.0	59%	51%	53%	54%
30-45 Units	GPA > 2.0	76%	64%	68%	69%
45-60 Units	GPA > 2.0	85%	72%	75%	77%
60+ Units	GPA > 2.0	89%	93%	86%	89%

Source: National Student Clearinghouse and SDCCD Information System

Recommendations and Next Steps

1. Add students' declared educational objective (transfer to a 4-year institution or undecided) to disaggregate transfer outcomes and extend criteria for intent-to-transfer behavior.
2. Include total UC/CSU transfer-level units completed at SDCCD for students that successfully transfer.
3. Include transfer-level English and transfer-level math completion rates for transfer students.
4. Expand transfer-level English criteria to include more than one English course in order to satisfy Oral Communication, Written Communication, and/or Critical Thinking.
5. Review transfer report methodology to incorporate the RP Group's *Through the Gate: Mapping the Transfer Landscape for California Community College Students*.
6. Establish data agreements with the National Student Clearinghouse degree verify (in addition to knowing where the student transferred to, know if the student received a degree or not at that institution), to allow degree completion rates at transfer institutions.
7. Foster ways for transfer prepared students to complete transfer-level math when that is a barrier to their transfer.
8. Support early intervention strategies for transfer rate cohort students that receive non-successful grades (D or F) in transfer courses.
9. Perform qualitative studies on students that are transfer prepared with transfer-level English and math complete but have not transferred.

References

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San Diego Community College District Office of Research and Planning (2018). *San Diego Community College District Enrollment Almanac*.

The RP Group (2017). Through the Gate: Mapping the Transfer Landscape for California Community College Students. Retrieved from <https://rpgroup.org/through-the-gate>

Addendum

All Transfer Institutions for 2018/19

College Name	Count	Percent
San Diego State University	1,362	28.7%
University Of California-San Diego	581	12.2%
California State University - San Marcos	280	5.9%
National University	214	4.5%
Arizona State University	130	2.7%
University Of San Diego	112	2.4%
University Of California-Los Angeles	100	2.1%
Point Loma Nazarene University	72	1.5%
California State University - Long Beach	69	1.5%
San Francisco State University	69	1.5%
University Of California - Berkeley	68	1.4%
University Of California - Riverside	58	1.2%
University Of California - Davis	46	1.0%
California State University - Fullerton	42	0.9%
University Of California-Davis	42	0.9%
University Of California-Santa Barbara	42	0.9%
California Polytechnic State University	41	0.9%
California State Polytechnic	39	0.8%
University Of California-Santa Cruz	37	0.8%
California Polytechnic State University, San Luis Obispo	30	0.6%
California State University - Chico	30	0.6%
California State Polytechnic, Pomona	28	0.6%
California State University - Channel Islands	28	0.6%
Humboldt State University	26	0.5%
California State University- Northridge	25	0.5%
San Jose State University	23	0.5%
California State University - Los Angeles	21	0.4%
Northern Arizona University	20	0.4%
University Of Phoenix	19	0.4%
University Of Arizona	18	0.4%
California College	15	0.3%
University Of Maryland Global Campus	15	0.3%
California State University - Los Angeles	14	0.3%
Embry-Riddle Aeronautical Univ.-Worldwide	14	0.3%
California State University - Bakersfield	13	0.3%
California State University - Dominguez	13	0.3%
Grand Canyon University	13	0.3%
University Of Nevada Las Vegas	13	0.3%
Azusa Pacific University- Undergraduate	12	0.3%
Boise State University	12	0.3%
California State University - San Bernardino	12	0.3%
University Of Colorado - Denver	12	0.3%
University Of Hawaii At Manoa	12	0.3%
University Of Maryland - University College	12	0.3%
California State University - Monterey Bay	11	0.2%
Chapman University-Orange	11	0.2%
University Of Redlands - Degree Seeking	11	0.2%
University Of St Augustine For Health Sciences	11	0.2%

College Name	Count	Percent
California Baptist University -Undergrad	10	0.2%
California State Univ Channel Islands	10	0.2%
Portland State University	10	0.2%
California Baptist University -Undergrad	9	0.2%
Colorado State University	9	0.2%
Southern New Hampshire	9	0.2%
United Education Institute- Chula Vista	9	0.2%
Brandman University	8	0.2%
California Lutheran University	8	0.2%
California State University - Monterey Bay	8	0.2%
California State University - San Bernardino	8	0.2%
Grand Canyon University	8	0.2%
Southern New Hampshire	8	0.2%
University Of Colorado Denver	8	0.2%
University Of Washington - Seattle	8	0.2%
Washington State University	8	0.2%
California State University - Bakersfield	7	0.1%
College Of Southern Nevada	7	0.1%
Liberty University	7	0.1%
Old Dominion University	7	0.1%
Pennsylvania State University	7	0.1%
University Of Nevada-Reno	7	0.1%
Columbia Southern University	6	0.1%
Johns Hopkins University School of Arts, Sciences and Engineering	6	0.1%
Pepperdine University	6	0.1%
Purdue University Global	6	0.1%
Union Institute and University	6	0.1%
University Of Oregon	6	0.1%
University Of St Augustine For Health Sciences	6	0.1%
Valencia College	6	0.1%
Cornell University	5	0.1%
Sonoma State University	5	0.1%
Stanford University	5	0.1%
Temple University	5	0.1%
University Of Nevada - Reno	5	0.1%
University Of Redlands	5	0.1%
Boston University	4	0.1%
Colorado Technical University	4	0.1%
Columbia University	4	0.1%
Georgia State University	4	0.1%
Massachusetts College Of Pharmacy	4	0.1%
Metropolitan State University Of Denver	4	0.1%
Northwestern University	4	0.1%
Ohio University	4	0.1%
Seattle University	4	0.1%
Southern Utah University	4	0.1%
Stevens-Henager - Independence University	4	0.1%
Texas A&M University	4	0.1%
University Of California - Merced	4	0.1%
University Of Charleston	4	0.1%

College Name	Count	Percent
University Of Denver - Colorado	4	0.1%
University Of Florida	4	0.1%
University Of Michigan	4	0.1%
University Of New Mexico	4	0.1%
University Of Oklahoma	4	0.1%
University Of Texas At Dallas	4	0.1%
University Of Utah	4	0.1%
University Of Wisconsin - Madison	4	0.1%
Wesleyan University	4	0.1%
West Coast University- Anaheim	4	0.1%
Alliant International University	3	0.1%
Colorado Mesa University	3	0.1%
Concordia University - Irvine	3	0.1%
Dixie State University	3	0.1%
Florida State College At Jacksonville	3	0.1%
Gallaudet University	3	0.1%
Massachusetts Institute Of Technology	3	0.1%
MGH Institute Of Health Professions	3	0.1%
Minnesota State University - Mankato	3	0.1%
Montana State University - Bozeman	3	0.1%
New York University	3	0.1%
Otis College Of Art And Design	3	0.1%
Park University	3	0.1%
Purdue University - West Lafayette	3	0.1%
SUNY Fashion Institute Of Technology	3	0.1%
Texas State University - San Marcos	3	0.1%
University Of Alabama	3	0.1%
University Of Chicago	3	0.1%
University Of Colorado Colorado Springs	3	0.1%
University Of Houston	3	0.1%
University Of La Verne	3	0.1%
University Of Massachusetts Boston	3	0.1%
University Of Texas Arlington	3	0.1%
Vanguard University Of Southern California	3	0.1%
Vincennes University	3	0.1%
Walden University	3	0.1%
Yale University	3	0.1%
Academy Of Art University	2	0.0%
Bellevue College	2	0.0%
Bellevue University	2	0.0%
Brigham Young University	2	0.0%
Broward College	2	0.0%
California Institute Of Technology	2	0.0%
California State University - Fresno	2	0.0%
California State University - Stanislaus	2	0.0%
California State University Maritime Academy	2	0.0%
Cardinal Stritch University	2	0.0%
Carson-Newman University	2	0.0%
Chamberlain University	2	0.0%
Chapman University-Grad Health Sciences	2	0.0%

College Name	Count	Percent
Columbia College Adult8Wk Undergrad	2	0.0%
Columbia College Chicago	2	0.0%
CUNY City College	2	0.0%
CUNY John Jay College Of Criminal Justice	2	0.0%
CUNY Queens College	2	0.0%
Daytona State College	2	0.0%
Embry-Riddle Aeronautical University - Arizona	2	0.0%
Embry-Riddle Aeronautical University - Daytona Beach	2	0.0%
Florida Atlantic University	2	0.0%
George Mason University	2	0.0%
Georgia State University- Perimeter College Decatur	2	0.0%
Gonzaga University	2	0.0%
Harvard University - Continuing Ed	2	0.0%
Idaho State University	2	0.0%
Indiana State University	2	0.0%
Indiana University Bloomington	2	0.0%
Iowa State University	2	0.0%
Kansas State University	2	0.0%
Lake Erie College Of Osteopathic	2	0.0%
Louisiana State University - Agriculture	2	0.0%
Mgh Institute Of Health Professions	2	0.0%
Miami Dade College	2	0.0%
Michigan State University	2	0.0%
Middle Tennessee State University	2	0.0%
Missouri Baptist University	2	0.0%
Mount Marty College	2	0.0%
Olympic College	2	0.0%
Ottawa University-Ottawa	2	0.0%
Pacific Union College	2	0.0%
Rensselaer Polytechnic Institute	2	0.0%
Roseman University Of Health Sciences	2	0.0%
Rutgers - The State University Of NJ	2	0.0%
Rutgers - The State University Of Nj - New Jersey	2	0.0%
Santa Clara University	2	0.0%
Seminole State College Of Florida	2	0.0%
Southern Methodist University	2	0.0%
St Mary's College Of California	2	0.0%
State College Of Florida Manatee-Sarasota	2	0.0%
Suny University At Albany	2	0.0%
Texas Christian University	2	0.0%
The College Of Idaho	2	0.0%
The New School	2	0.0%
The New School (New York)	2	0.0%
The Ohio State University	2	0.0%
Trident University International	2	0.0%
University Of Arkansas At Fayetteville	2	0.0%
University Of Arkansas at Little Rock	2	0.0%
University Of Colorado - Colorado Springs	2	0.0%
University Of Delaware	2	0.0%
University Of Hawaii At Hilo	2	0.0%

College Name	Count	Percent
University Of Hawaii at Hilo	2	0.0%
University Of Illinois at Urbana	2	0.0%
University Of La Verne - Term Non-Education	2	0.0%
University Of Maryland - Baltimore County	2	0.0%
University Of Minnesota-Twin Cities	2	0.0%
University Of Missouri-Columbia	2	0.0%
University Of North Texas at Dallas	2	0.0%
University Of Tennessee	2	0.0%
University Of Texas - San Antonio	2	0.0%
University Of Wyoming	2	0.0%
Western University Of Health Sciences	2	0.0%
Winthrop University	2	0.0%
Xavier University Of Louisiana	2	0.0%
Andrews University	1	0.0%
Arizona Christian University	1	0.0%
Art Center College Of Design	1	0.0%
Ashland University	1	0.0%
Atlanta Metropolitan State College	1	0.0%
Augsburg University	1	0.0%
Aurora University	1	0.0%
Austin Peay State University - Main Campus	1	0.0%
Austin Peay State University Main Campus	1	0.0%
Baptist Memorial College Of Health Sciences	1	0.0%
Bastyr University	1	0.0%
Baylor University	1	0.0%
Bellin College	1	0.0%
Belmont University	1	0.0%
Berklee College Of Music	1	0.0%
Bethany College	1	0.0%
Bob Jones University	1	0.0%
Boston College	1	0.0%
Brandeis University	1	0.0%
Bridgewater State University	1	0.0%
Brigham Young University - Idaho Fall/Winter	1	0.0%
Brigham Young University - Idaho Fall/Winter	1	0.0%
Brigham Young University - Idaho Spring/Summer	1	0.0%
California Baptist University-Graduates	1	0.0%
California Institute Of The Arts	1	0.0%
California Western School Of Law	1	0.0%
Carleton College	1	0.0%
Case Western Reserve University	1	0.0%
Central Christian College Of Kansas	1	0.0%
Central Connecticut State University	1	0.0%
Central Washington University	1	0.0%
Champlain College	1	0.0%
City University Of Seattle	1	0.0%
Clarkson University	1	0.0%
College For Creative Studies- Taubman Center	1	0.0%
College Of Coastal Georgia	1	0.0%
College Of St Scholastica - Semesters	1	0.0%

College Name	Count	Percent
Columbia Basin College	1	0.0%
Concordia University	1	0.0%
Concordia University - Irvine Gr/Pb/Nursing	1	0.0%
Concordia University - Irvine Gr/Pb/Nursing	1	0.0%
Concordia University At St Paul	1	0.0%
Creighton University	1	0.0%
Cumberland University	1	0.0%
CUNY Brooklyn College	1	0.0%
CUNY Grad School & Univ Center	1	0.0%
CUNY Lehman College	1	0.0%
CUNY Medgar Evers College	1	0.0%
CUNY York College	1	0.0%
Eastern Florida State College	1	0.0%
Edward Waters College	1	0.0%
Embry-Riddle Aeronautical University	1	0.0%
Emerson College	1	0.0%
Emory University	1	0.0%
Excelsior College	1	0.0%
Florida Gulf Coast University	1	0.0%
Florida Institute Of Technology	1	0.0%
Florida International University	1	0.0%
Florida Southwestern State College	1	0.0%
Florida State University	1	0.0%
Fort Hays State University	1	0.0%
Framingham State University	1	0.0%
Franklin Pierce University	1	0.0%
Fresno Pacific University	1	0.0%
George Washington University	1	0.0%
Georgia Gwinnett College	1	0.0%
Georgia Highlands College	1	0.0%
Georgia Southern University	1	0.0%
Golden Gate University	1	0.0%
Goodwin College	1	0.0%
Goshen College	1	0.0%
Graceland University	1	0.0%
Grambling State University	1	0.0%
Grand Valley State University	1	0.0%
Grand View University	1	0.0%
Grantham University	1	0.0%
Greenville University	1	0.0%
Hampton University	1	0.0%
Hannibal-Lagrange University	1	0.0%
Harvey Mudd College	1	0.0%
Hawaii Pacific University	1	0.0%
Holy Cross College	1	0.0%
Holy Names University -Traditional	1	0.0%
Hope International University-Traditional	1	0.0%
Houston Baptist University	1	0.0%
Humphreys University	1	0.0%
Indiana University East	1	0.0%

College Name	Count	Percent
Inter American Univ Of Puerto Rico- Bayamon	1	0.0%
Inter American Univ Of Puerto Rico- Metropolitan Campus	1	0.0%
Johns Hopkins University Arts/Sciences/Engineering	1	0.0%
Johnson & Wales University	1	0.0%
Keck Graduate Institute	1	0.0%
Kent State University	1	0.0%
King University	1	0.0%
Lenoir-Rhyne University	1	0.0%
Life Chiropractic College - West	1	0.0%
Lipscomb University	1	0.0%
Long Island University	1	0.0%
Los Angeles College Of Music	1	0.0%
Los Angeles Pacific University	1	0.0%
Louisiana State University - Shreveport	1	0.0%
Marlboro College	1	0.0%
Marquette University	1	0.0%
Marshall B. Ketchum University	1	0.0%
Marymount California University	1	0.0%
Master's College	1	0.0%
Mckendree University	1	0.0%
Mercy College	1	0.0%
Mercyhurst University	1	0.0%
Metropolitan State University	1	0.0%
Miami University	1	0.0%
Miles College	1	0.0%
Minot State University	1	0.0%
Missouri Southern State University	1	0.0%
Molloy College	1	0.0%
Mount Saint Mary's University	1	0.0%
Mount St Mary's University	1	0.0%
Naropa University	1	0.0%
National University Of Natural Medicine	1	0.0%
New England College - Semesters - Dayo	1	0.0%
New England Culinary Institute	1	0.0%
New Jersey City University	1	0.0%
New Mexico State University-Main	1	0.0%
Newman University	1	0.0%
Nicholls State University	1	0.0%
North Carolina A&T State University	1	0.0%
Northcentral University	1	0.0%
Northern Michigan University	1	0.0%
Nova Southeastern University	1	0.0%
Ohio Dominican University	1	0.0%
Oklahoma Baptist University	1	0.0%
Oklahoma State University - Oklahoma City	1	0.0%
Oklahoma State University - Stillwater	1	0.0%
Pace University	1	0.0%
Pacific Oaks College	1	0.0%
Peninsula College	1	0.0%
Pennsylvania College Of Technology	1	0.0%

College Name	Count	Percent
Peru State College	1	0.0%
Philadelphia College Of Osteopathic Medicine	1	0.0%
Pomona College	1	0.0%
Pratt Institute	1	0.0%
Purdue University Northwest	1	0.0%
Quinnipiac University	1	0.0%
Radford University	1	0.0%
Rasmussen College - Blaine	1	0.0%
Rasmussen College - Eagan	1	0.0%
Reed College	1	0.0%
Rhode Island School Of Design	1	0.0%
Robert Morris University	1	0.0%
Rocky Mountain College	1	0.0%
Rogers State University	1	0.0%
Saint John's University	1	0.0%
Saint Louis University	1	0.0%
Saint Peter's University	1	0.0%
Samuel Merritt College - Nursing	1	0.0%
School Of The Art Institute Of Chicago	1	0.0%
Seattle Pacific University	1	0.0%
Sierra Nevada College	1	0.0%
South Seattle College	1	0.0%
South Texas College	1	0.0%
Southeast Missouri State University	1	0.0%
Southern Connecticut State University	1	0.0%
Southern Illinois University Edwardsville	1	0.0%
Southern Oregon University	1	0.0%
Springfield College	1	0.0%
St Catherine University	1	0.0%
St Edwards University	1	0.0%
St John's College	1	0.0%
St Mary's College Of California	1	0.0%
State College Of Florida Manatee-Sarasota	1	0.0%
Stevens-Henager - Independence University	1	0.0%
Suffolk University Boston	1	0.0%
SUNY College Oneonta	1	0.0%
Suny Fashion Institute Of Technology	1	0.0%
SUNY Stony Brook University	1	0.0%
Suny Stony Brook University	1	0.0%
Suny University At Buffalo	1	0.0%
Swarthmore College	1	0.0%
Tennessee State University	1	0.0%
Texas A&M University - Commerce	1	0.0%
Texas A&M University Kingsville	1	0.0%
Texas A&M University- San Antonio	1	0.0%
The Chicago School Of Professional Psychology	1	0.0%
The Citadel Military College Of South Carolina	1	0.0%
The College Of New Rochelle	1	0.0%
The Evergreen State College	1	0.0%
The King'S College	1	0.0%

College Name	Count	Percent
Touro University Nevada	1	0.0%
Tufts University	1	0.0%
Tulane University	1	0.0%
Univ Of St Augustine Hlth Sciences- St Augustine	1	0.0%
Univ Of St Augustine Hlth Sciences- Texas	1	0.0%
University Of Akron	1	0.0%
University Of California-San Francisco	1	0.0%
University Of Cincinnati	1	0.0%
University Of Connecticut	1	0.0%
University Of Detroit Mercy	1	0.0%
University Of Hartford	1	0.0%
University Of Hawaii At West Oahu	1	0.0%
University Of Houston-Clear Lake	1	0.0%
University Of Idaho	1	0.0%
University Of La Verne - Term Non-Education	1	0.0%
University Of Mary (North Dakota)	1	0.0%
University Of Maryland - Baltimore County	1	0.0%
University Of Minnesota-Twin Cities College of Pharmacy	1	0.0%
University Of St Augustine For Health Sciences	1	0.0%
University Of Texas Medical Branch At Galveston	1	0.0%
University Of Texas Rio Grande Valley	1	0.0%