



SDCCD Transfer Report 2015-16 to 2019-20

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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.

Combined transfer prepared rate adds students who have made significant progress towards transfer but don't transfer or obtain an Associate 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.

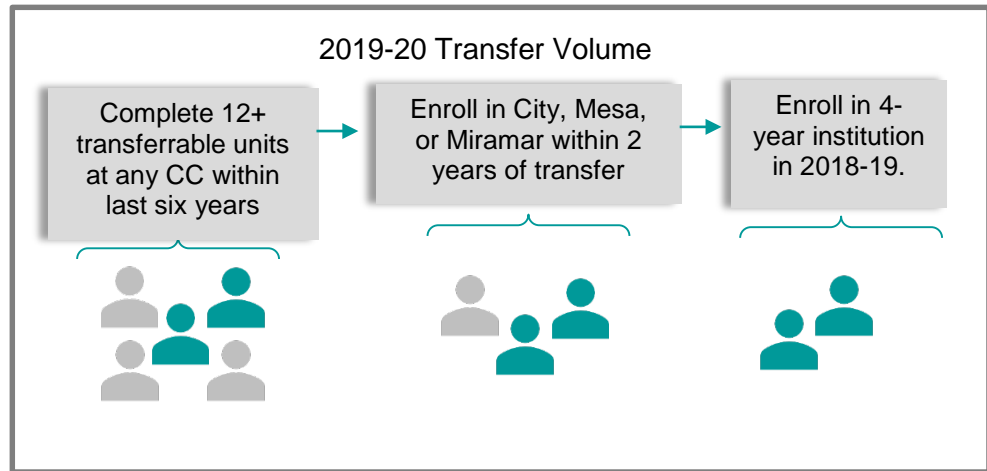
¹ Students who complete six units in a three-year period and attempt any English or math course display *intent-to-transfer*. Such students are grouped by the year of their first enrollment at City, Mesa, or Miramar and the college they first registered. They are tracked for six years as part of a cohort.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

Methodology

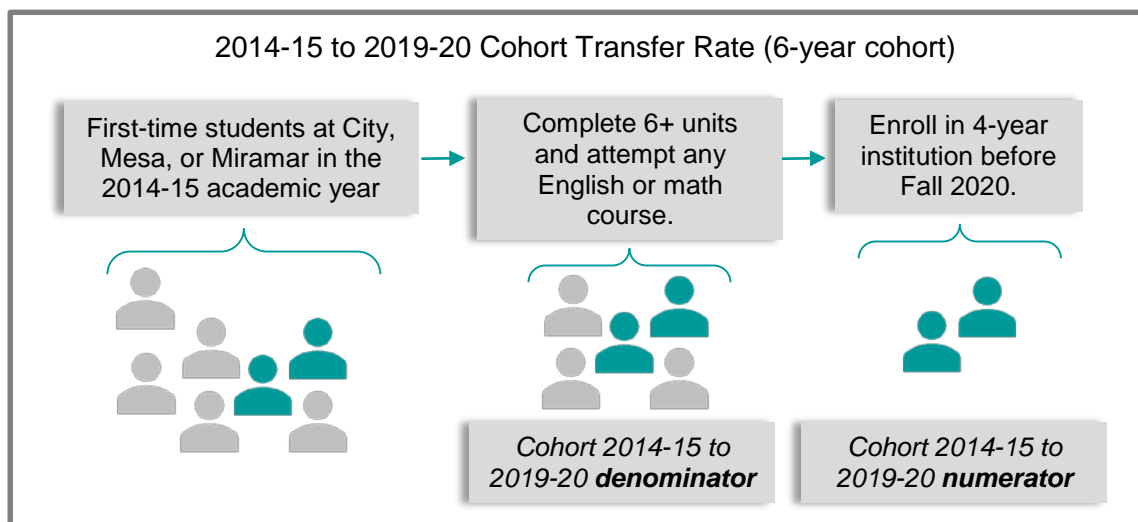
Transfer Volume: Data for students who attended one of the District’s three colleges – City, Mesa, or Miramar – were sent to the National Student Clearinghouse (NSC) and matched against a transfer student database, which includes data from public and private 4-year institutions that enroll over 99% of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

Transfer volume in this report is *the number of students who transferred from SDCCCD 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 SDCCCD.

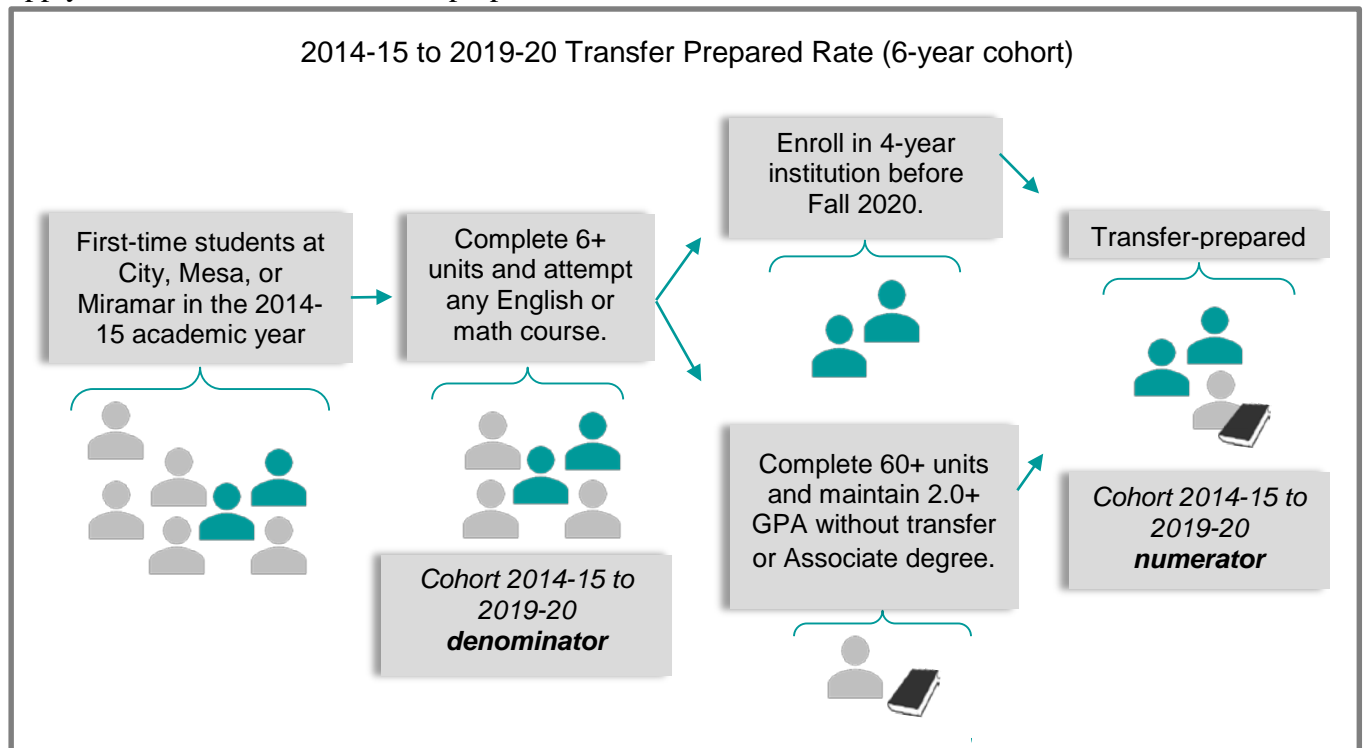


Transfer Rate: Data for the transfer rate tables and figures no longer comes from the California Community Colleges Chancellor’s Office (CCCCO) Data on Demand system. Cohorts are identified from SDCCCD’s Institutional Research database and this is the first report that attempts to replicate the methodology 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.

Combined 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 second 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 1,161 more transfers (32%) from SDCCCD to a 4-year institution in 2019-20 than in 2015-16, and 166 more (4%) 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 (2015-16: 63%, 2019-20: 65%). *Pages 10 to 14*
 - San Diego State University (SDSU) has historically accounted for the largest percent of SDCCCD transfer volume (between 29% and 33% of transfers over the last five years).
 - Almost half of 2019-20 SDCCCD transfers went to a local public university (SDSU: 33%, UCSD: 11%, CSUSM: 3%).
 - Compared to 2018-19, transfer volume to UCSD and CSUSM decreased significantly among 2019-20 transfers (-10% and -44%, respectively).
3. *Transfer Volume by Ethnicity:* In 2019-20, representation in transfer volume by ethnicity differed from the following student populations:
 - White students, who were over-represented (35% of transfer volume compared to 31% of the student population),
 - Asian/Pacific Islander students, who were also over-represented (13% of transfer volume compared to 11% of the student population)
 - Latinx students, who were under-represented (32% of transfer volume compared to 38% of the student population).
 - African American students, who were under-represented (5% of transfer volume compared to 7% of the student population).
4. The rate of under-representation for Latinx students has decreased slightly since 2015-16, when they accounted for 29% of transfer volume compared to 36% 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 increased, from 32% of the 2012-13 cohort to 35% of the 2014-15 cohort. Cohort size has increased or stayed similar at each college but the rate of students who transferred varies by institution. City College increased number of transfers and increased transfer rates slightly (+2%). Mesa College increased the number of transfers while the cohort size has decreased slightly. Miramar college transfer numbers in the 2014-15 cohort increased (+179) from the 2012-13 cohort and transfer rates have increased by 6%.
7. Overall transfer rates by ethnicity have stayed fairly similar ($\pm 1\%$) or increased for all groups. Transfer rates for African American students remain the second lowest⁴ at 30%, ahead of Latinx students (27%).
8. Overall transfer rates for female students is higher than male students (+4%).
9. 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 (2019).*

⁴ Excluding American Indian students due to small cohort size

Combined Transfer Prepared Rate

10. Overall transfer prepared rates have decreased slightly over the last three years. However, there is a smaller proportion of students that are becoming transfer prepared without actually transferring. These students comprised 24% of the 2012-13 and 16% of the 2014-15 transfer prepared cohorts. While transfer prepared rates changed slightly for most student groups, they decreased since 2012-13 for Latinx students (-4%).
11. 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

12. 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 2015-16 to 2019-20. Compared to the 2018-19 academic year, transfer volume across the colleges increased by 4%. Growth in transfer volume compared to 2018-19 was most significant at Miramar College (+16%).

Figure 1. Overall Transfer Volume for All Colleges and by College 2015-16 to 2019-20

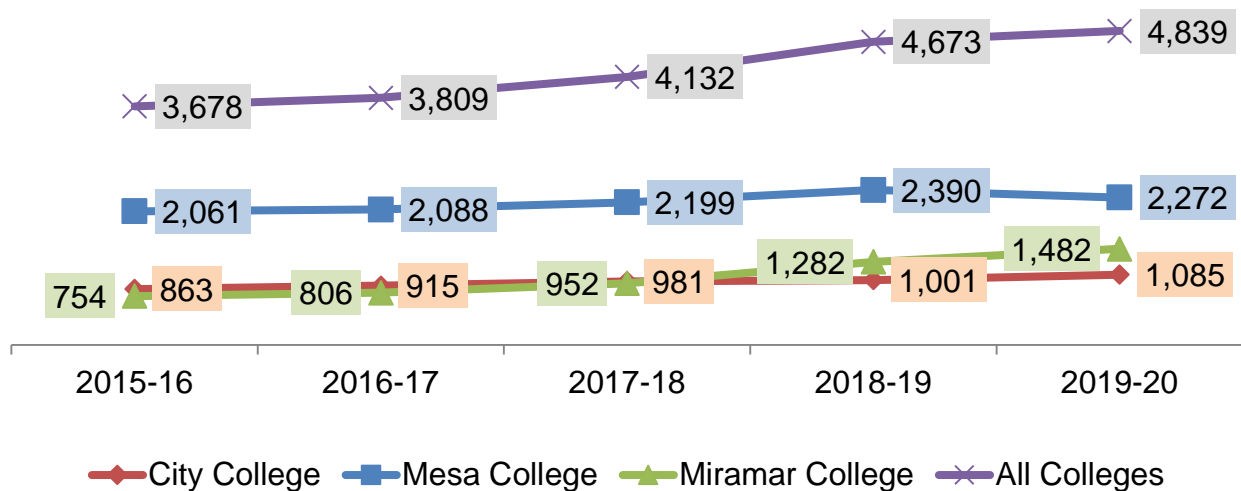


Table 1. Overall Transfer Volume for All Colleges and by Colleges from 2015-16 to 2019-20

	2015-16	2016-17	2017-18	2018-19	2019-20	% Change 15/16-19/20	% Change 18/19-19/20
City College	863	915	981	1,001	1,085	26%	8%
Mesa College	2,061	2,088	2,199	2,390	2,272	10%	-5%
Miramar College	754	806	952	1,282	1,482	97%	16%
All Colleges	3,678	3,809	4,132	4,673	4,839	32%	4%

Source: National Student Clearinghouse

Transfer Volume by Demographics

Transfer volume has increased for each ethnic group over the past five years. In 2019-20, representation in transfer volume by ethnicity was within 1% of the student population for all groups except for white students (over-represented among transfers), Asian/Pacific Islander students (over-represented among transfers), Latinx students (under-represented among transfers) and African American 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 29% of total transfers in 2015-16 to 32% in 2019-20. Latinx students have grown as a percent of the student population from 36% in 2014-15 to 38% in 2018-19.

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

	2014-15	2015-16	2018-19	2019-20
	% of Population	% of Transfers	% of Population	% of Transfers
Latinx	36%	29%	38%	32%
Asian/Pacific Islander	11%	13%	11%	13%
White	32%	40%	31%	35%
African American	8%	6%	7%	5%

Table 3. All Colleges Transfer Volume by Ethnicity from 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		All Colleges Average 15/16-19/20	% Change 15/16-19/20	% Change 18/19-19/20
	Count	%	Count	%	Count	%	Count	%	Count	%			
African American	234	6%	227	6%	210	5%	263	6%	258	5%	6%	10%	-2%
American Indian	11	0%	5	0%	7	0%	13	0%	21	0%	0%	91%	62%
Asian/Pacific Islander	461	13%	515	14%	504	12%	636	14%	643	13%	13%	39%	1%
Filipino	186	5%	177	5%	202	5%	246	5%	288	6%	5%	55%	17%
Latinx	1,056	29%	1,138	30%	1,291	31%	1,436	31%	1,551	32%	31%	47%	8%
White	1,455	40%	1,447	38%	1,561	38%	1,702	36%	1,687	35%	37%	16%	-1%
Multi-Ethnicity	212	6%	241	6%	283	7%	320	7%	314	6%	6%	48%	-2%
Unreported	63	2%	59	2%	74	2%	57	1%	77	2%	2%	22%	35%
Total	3,678	100%	3,809	100%	4,132	100%	4,673	100%	4,839	100%	100%	32%	4%

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 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		All Colleges Average 15/16-19/20	% Change 15/16-19/20	% Change 18/19-19/20
	Count	%	Count	%	Count	%	Count	%	Count	%			
Female	1,886	51%	1,947	51%	2,169	52%	2,448	52%	2,576	53%	52%	37%	5%
Male	1,792	49%	1,862	49%	1,963	48%	2,225	48%	2,263	47%	48%	26%	2%
Total	3,678	100%	3,809	100%	4,132	100%	4,673	100%	4,839	100%	100%	32%	4%

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 (2019-20 transfers would have last attended SDCCD in 2018-19). Ethnicity information for the SDCCD colleges from Enrollment Almanac 2019.

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 63% in 2015-16 (2,333 of all 3,678 transfers) to 65% (3,145 of 4,839 transfers) in 2019-20.

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

	2015-16	2016-17	2017-18	2018-19	2019-20	% Change 14/15-18/19	% Change 17/18-18/19
City College	522	568	607	633	678	30%	7%
Mesa College	1,331	1,341	1,425	1,590	1,477	11%	-7%
Miramar College	480	515	617	812	990	106%	22%
All Colleges	2,333	2,424	2,649	3,035	3,145	35%	4%

Source: National Student Clearinghouse

Transfer Volume: Local Public Universities

Of 4,839 SDCCD transfers in 2019-20, almost half (46%) transferred to a local public university (SDSU: 33%, UCSD: 11%, CSUSM: 3%). The total volume of transfers to the three local public universities increased slightly from 2018-19 (+3%), however it should be noted that this was driven entirely by the increase in transfers to SDSU (+18%), while UCSD and CSUSM saw a decrease from the previous year (-10% and -44%, respectively).

Figure 2. Transfer Volume to Local Public Universities

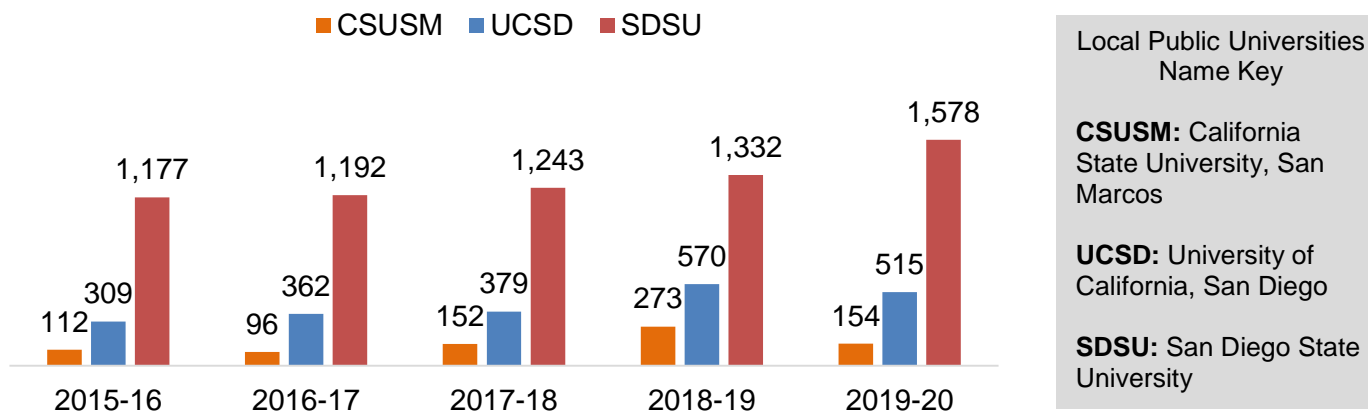


Table 6. Percent Change in Transfer Volume Compared to Previous Year

	2015-16	2016-17	2017-18	2018-19	2019-20
SDSU	--	1%	4%	7%	18%
University of California, San Diego	--	17%	5%	50%	-10%
CSUSM	--	-14%	58%	80%	-44%

Figure 3. All Colleges- Top 4-Year Transfer Institutions 2014-15 to 2019-20, by five-year total of transfers

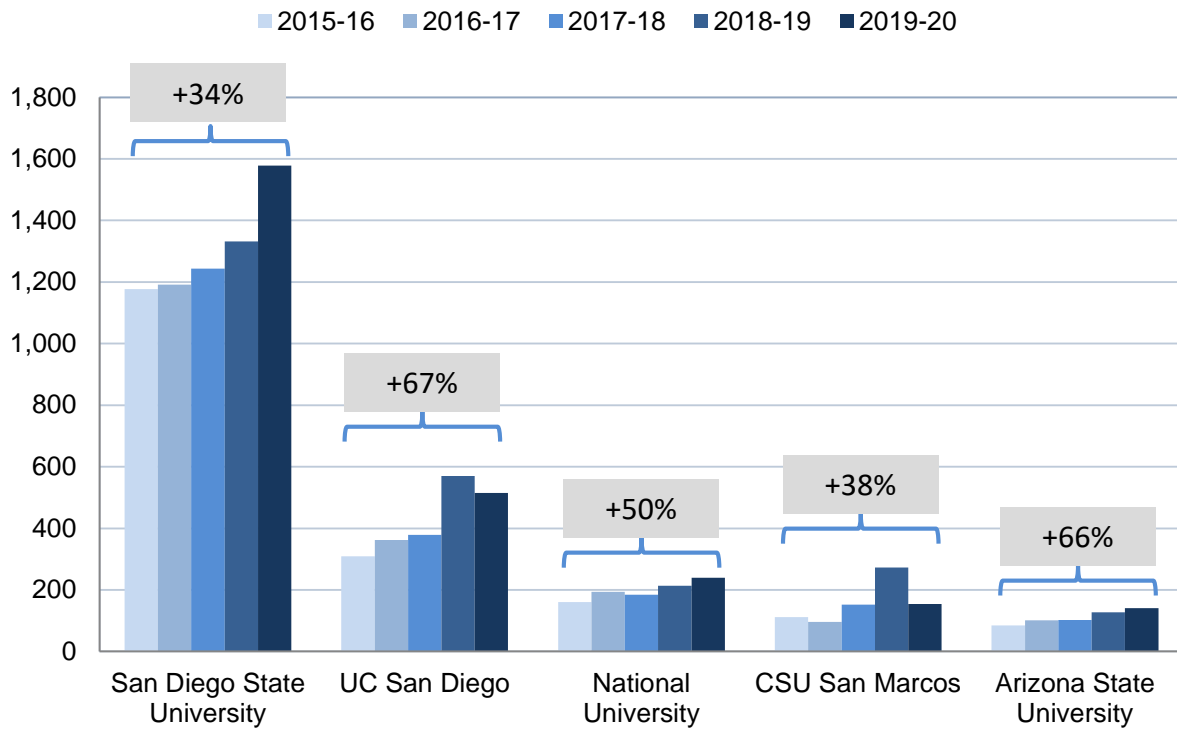


Table 7. All Colleges- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	1,177	32%	1,192	31%	1,243	30%	1,332	29%	1,578	33%	34%	18%
UC San Diego	309	8%	362	10%	379	9%	570	12%	515	11%	67%	-10%
National University	160	4%	194	5%	184	4%	213	5%	240	5%	50%	13%
CSU San Marcos	112	3%	96	3%	152	4%	273	6%	154	3%	38%	-44%
Arizona State University	85	2%	101	3%	102	2%	127	3%	141	3%	66%	11%
Other Institutions	1,835	50%	1,864	49%	2,072	50%	2,158	46%	2,211	46%	20%	2%
Total	3,678	100%	3,809	100%	4,132	100%	4,673	100%	4,839	100%	32%	4%

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 2015-16 to 2019-20, by five-year total of transfers

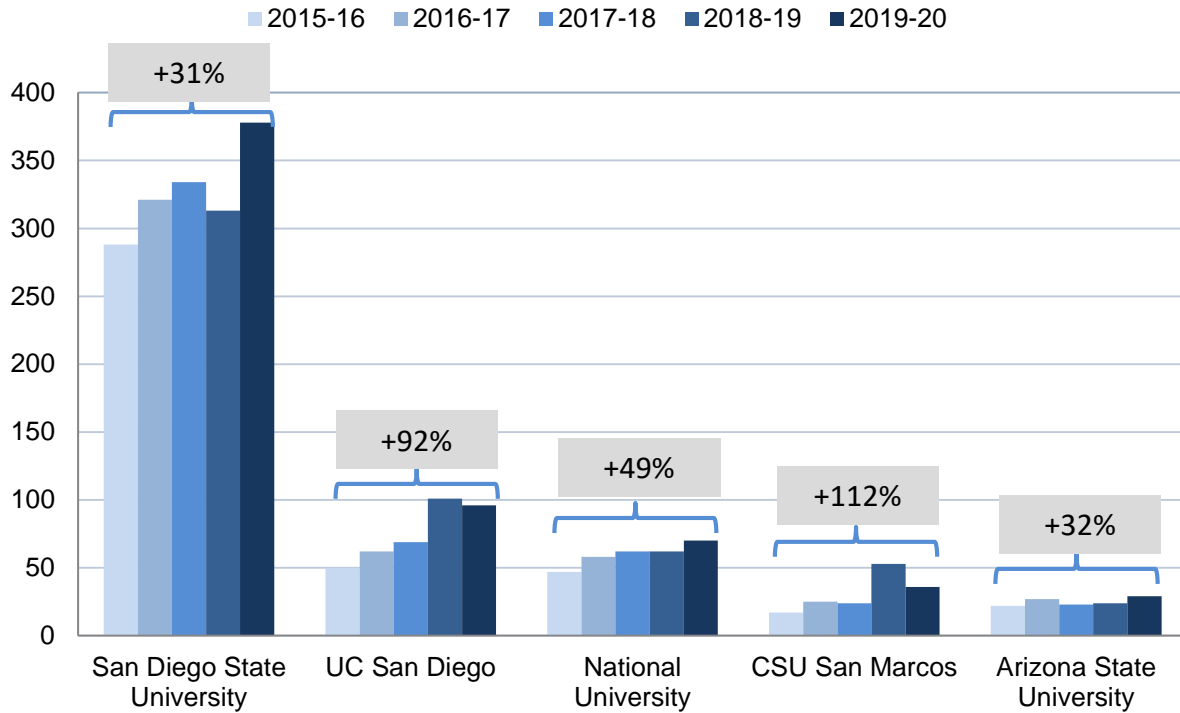


Table 8. City College- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	288	33%	321	35%	334	34%	313	31%	378	35%	31%	21%
UC San Diego	50	6%	62	7%	69	7%	101	10%	96	9%	92%	-5%
National University	47	5%	58	6%	62	6%	62	6%	70	6%	49%	13%
CSU San Marcos	17	2%	25	3%	24	2%	53	5%	36	3%	112%	-32%
Arizona State University	22	3%	27	3%	23	2%	24	2%	29	3%	32%	21%
Other Institutions	439	51%	422	46%	469	48%	448	45%	476	44%	8%	6%
Total	863	100%	915	54%	981	52%	1,001	55%	1,085	56%	26%	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 5. Mesa College- Top 4-Year Transfer Institutions 2015-16 to 2019-20, by five-year total of transfers

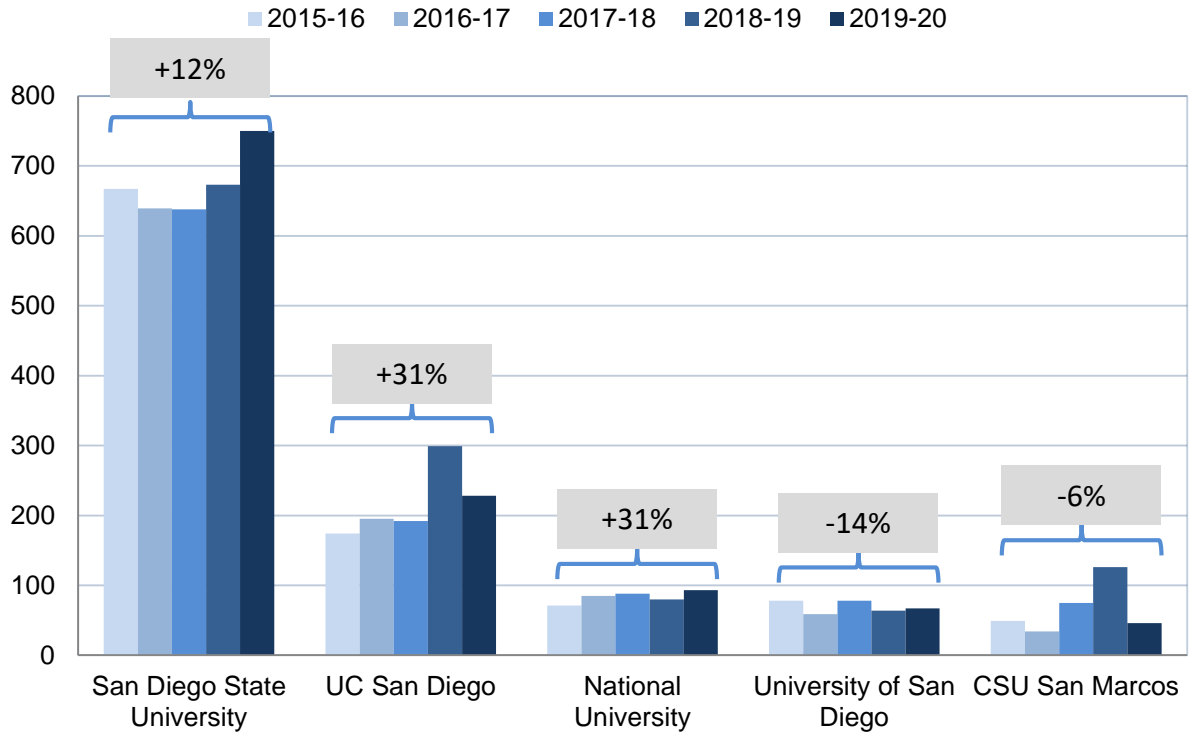


Table 9. Mesa College- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
	Count	%	Count	%	Count	%	Count	%	Count	%		
San Diego State University	667	32%	639	31%	638	29%	673	28%	750	33%	12%	11%
UC San Diego	174	8%	195	9%	192	9%	299	13%	228	10%	31%	-24%
National University	71	3%	85	4%	88	4%	80	3%	93	4%	31%	16%
University of San Diego	78	4%	59	3%	78	4%	64	3%	67	3%	-14%	5%
CSU San Marcos	49	2%	34	2%	75	3%	126	5%	46	2%	-6%	-63%
Other Institutions	1,022	50%	1,076	52%	1,128	51%	1,148	48%	1,088	48%	6%	-5%
Total	2,061	100%	2,088	48%	2,199	49%	2,390	52%	2,272	52%	10%	-5%

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 2015-16 to 2019-20, by five-year total of transfers

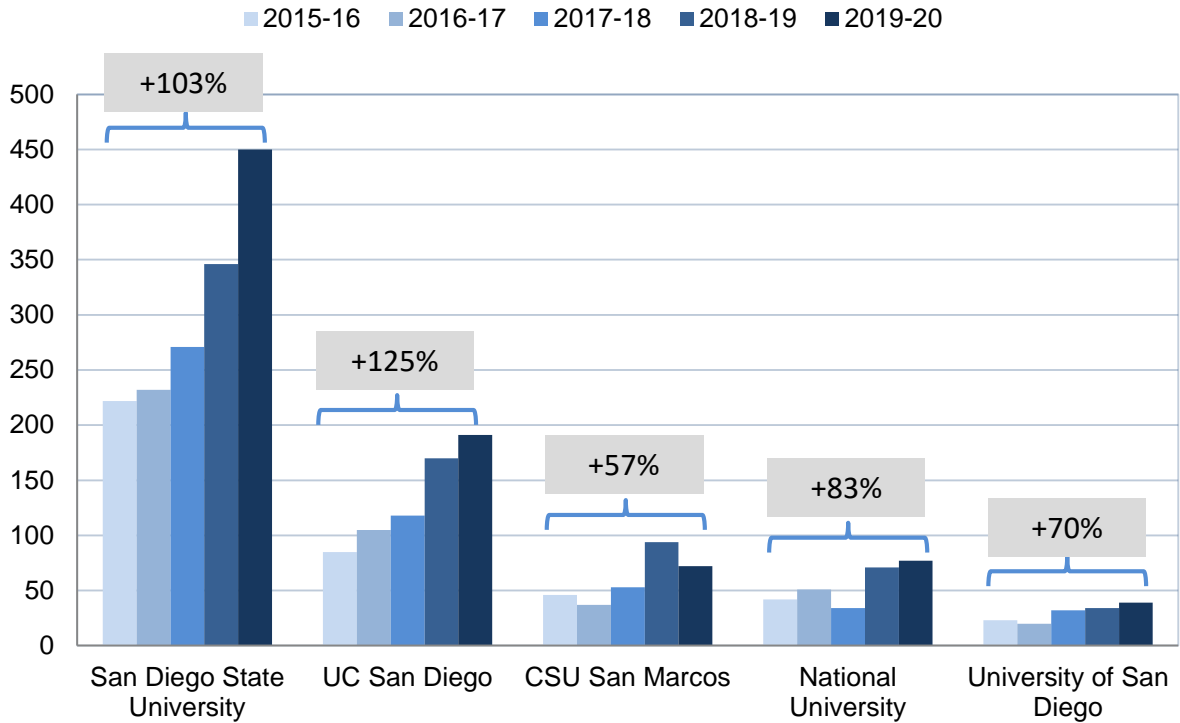


Table 10. Miramar College- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	222	29%	232	29%	271	28%	346	27%	450	30%	103%	30%
UC San Diego	85	11%	105	13%	118	12%	170	13%	191	13%	125%	12%
CSU San Marcos	46	6%	37	5%	53	6%	94	7%	72	5%	57%	-23%
National University	42	6%	51	6%	34	4%	71	6%	77	5%	83%	8%
University of San Diego	23	3%	20	2%	32	3%	34	3%	39	3%	70%	15%
Other Institutions	336	45%	361	45%	444	47%	567	44%	653	44%	94%	15%
Total	754	100%	806	55%	952	53%	1,282	56%	1,482	56%	97%	16%

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. Top 3 Transfer Destinations, by Ethnicity

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

Table 11 Key. ASU: Arizona State University, NU: National University, SDSU: San Diego State University, UCB: University of California, Berkeley, UCSD: University of California, San Diego

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 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
	#	%	#	%	#	%	#	%	#	%		
San Diego State University	65	28%	70	31%	59	28%	58	22%	67	26%	3%	16%
National University	19	8%	19	8%	12	6%	16	6%	14	5%	-26%	-13%
UC San Diego	14	6%	15	7%	15	7%	12	5%	18	7%	29%	50%
CSU San Marcos	6	3%	4	2%	7	3%	7	3%	4	2%	-33%	-43%
Arizona State University	10	4%	1	0%	4	2%	5	2%	8	3%	-20%	60%
Other Institutions	120	51%	118	52%	113	54%	165	63%	147	57%	23%	-11%
Total	234	100%	227	100%	210	100%	263	100%	258	100%	10%	-2%

Source: National Student Clearinghouse

Table 13. American Indian- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
	#	%	#	%	#	%	#	%	#	%		
San Diego State University	2	18%	0	0%	0	0%	3	23%	6	29%	200%	100%
National University	0	0%	2	40%	1	14%	2	15%	0	0%	---	-100%
Arizona State University	0	0%	1	20%	1	14%	0	0%	2	10%	---	---
University Of Phoenix	2	18%	0	0%	0	0%	1	8%	0	0%	-100%	-100%
University Of San Diego	0	0%	0	0%	0	0%	1	8%	1	5%	---	0%
Other Institutions	7	64%	2	40%	5	71%	6	46%	12	57%	71%	100%
Total	11	100%	5	100%	7	100%	13	100%	21	100%	91%	62%

Source: National Student Clearinghouse

Table 14. Asian/Pacific Islander- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	134	29%	158	31%	136	27%	170	27%	196	30%	46%	15%
UC San Diego	97	21%	111	22%	103	20%	157	25%	156	24%	61%	-1%
UC Berkeley	8	2%	21	4%	30	6%	19	3%	27	4%	238%	42%
UC Los Angeles	15	3%	25	5%	17	3%	28	4%	16	2%	7%	-43%
CSU San Marcos	11	2%	12	2%	13	3%	34	5%	22	3%	100%	-35%
Other Institutions	196	43%	188	37%	205	41%	228	36%	226	35%	15%	-1%
Total	461	100%	515	100%	504	100%	636	100%	643	100%	39%	1%

Source: National Student Clearinghouse

Table 15. Filipino- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	63	34%	67	38%	76	38%	80	33%	116	40%	84%	45%
UC San Diego	15	8%	16	9%	15	7%	32	13%	32	11%	113%	0%
National University	15	8%	19	11%	15	7%	31	13%	20	7%	33%	-35%
CSU San Marcos	9	5%	13	7%	8	4%	23	9%	10	3%	11%	-57%
CSU Long Beach	6	3%	5	3%	3	1%	4	2%	10	3%	67%	150%
Other Institutions	78	42%	57	32%	85	42%	76	31%	100	35%	28%	32%
Total	186	100%	177	100%	202	100%	246	100%	288	100%	55%	17%

Source: National Student Clearinghouse

Table 16. Latinx- Top 4-Year Transfer Institutions 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	394	37%	424	37%	425	33%	476	33%	586	38%	49%	23%
UC San Diego	63	6%	83	7%	97	8%	144	10%	126	8%	100%	-13%
National University	52	5%	55	5%	63	5%	59	4%	81	5%	56%	37%
CSU San Marcos	35	3%	24	2%	50	4%	93	6%	56	4%	60%	-40%
Arizona State University	19	2%	35	3%	31	2%	43	3%	51	3%	168%	19%
Other Institutions	493	47%	517	45%	625	48%	621	43%	651	42%	32%	5%
Total	1,056	100%	1,138	100%	1,291	100%	1,436	100%	1,551	100%	47%	8%

Source: National Student Clearinghouse

Table 17. White- Top 4-Year Transfer Institution 2015-16 to 2019-20

	2015-16		2016-17		2017-18		2018-19		2019-20		% Change 15/16-19/20	% Change 18/19-19/20
San Diego State University	437	30%	393	27%	441	28%	447	26%	502	30%	15%	12%
UC San Diego	99	7%	113	8%	116	7%	187	11%	136	8%	37%	-27%
National University	44	3%	72	5%	68	4%	75	4%	93	6%	111%	24%
CSU San Marcos	43	3%	36	2%	61	4%	95	6%	47	3%	9%	-51%
University Of San Diego	52	4%	41	3%	54	3%	55	3%	52	3%	0%	-5%
Other Institutions	780	54%	792	55%	821	53%	843	50%	857	51%	10%	2%
Total	1,455	100%	1,447	100%	1,561	100%	1,702	100%	1,687	100%	16%	-1%

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 an increase in transfer rates – from 39% of the 2012-13 cohort to 45% of the 2014-15 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

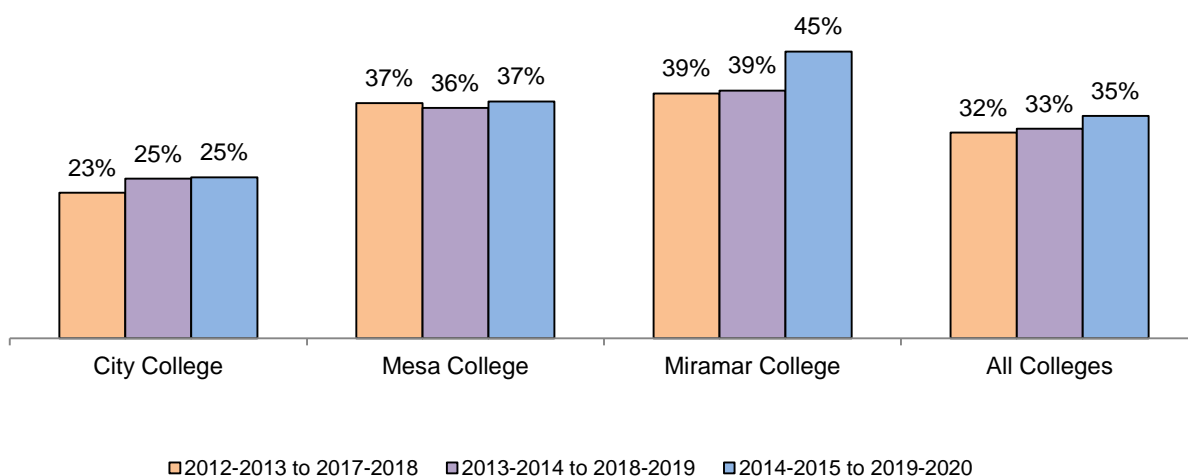


Table 18. Overall Transfer Rate by College

	Cohort									College Average 2012-13 to 2014-15
	2012-2013 to 2017-2018			2013-2014 to 2018-2019			2014-2015 to 2019-2020			
	Cohort	N	Percent	Cohort	N	Percent	Cohort	N	Percent	
City College	1,684	387	23%	1,700	428	25%	1,839	467	25%	25%
Mesa College	2,045	759	37%	2,127	774	36%	2,080	778	37%	37%
Miramar College	1,043	403	39%	1,061	415	39%	1,285	582	45%	41%
All Colleges	4,772	1,549	32%	4,888	1,617	33%	5,204	1,827	35%	34%

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 2012-13 cohort to the 2014-15 cohort, Credit College transfer rates have stayed similar or increased for each ethnicity. Transfer rates by ethnicity varies at each college.

Table 19. All Colleges Overall Transfer Rate by Ethnicity

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=1,549)	2013-2014 to 2018-2019 (N=1,617)	2014-2015 to 2019-2020 (N=1,827)	
African American	27%	27%	30%	28%
American Indian	23%	0%	36%	23%
Asian/Pacific Islander	39%	44%	48%	44%
Filipino	42%	43%	43%	43%
Latinx	27%	26%	27%	26%
White	40%	41%	45%	42%
Two or More Races	32%	34%	36%	34%
Unreported	32%	40%	41%	38%
Total	32%	33%	35%	34%

Source: National Student Clearinghouse

Table 20. All Colleges Overall Transfer Rate by Ethnicity

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017-2018		2013-2014 to 2018-2019		2014-2015 to 2019-2020		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
African American	100	371	100	369	106	351	102	364
American Indian	3	13	0	8	5	14	3	12
Asian/Pacific Islander	197	505	221	497	267	551	228	518
Filipino	99	235	107	248	112	262	106	248
Latinx	579	2,150	560	2,172	632	2,377	590	2,233
White	458	1,146	489	1,198	548	1,226	498	1,190
Two or More Races	95	295	102	300	112	312	103	302
Unreported	18	57	38	96	45	111	34	88
Total	1,549	4,772	1,617	4,888	1,827	5,204	1,664	4,955

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 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=387)	2013-2014 to 2018-2019 (N=428)	2014-2015 to 2019-2020 (N=467)	
African American	20%	26%	25%	24%
American Indian	25%	--	20%	23%
Asian/Pacific Islander	36%	36%	27%	32%
Filipino	42%	51%	40%	45%
Latinx	19%	21%	22%	21%
White	34%	37%	38%	36%
Two or More Races	29%	21%	29%	26%
Unreported	24%	26%	27%	26%
Total	23%	25%	25%	25%

Source: National Student Clearinghouse

Table 22. City College Overall Transfer Rate by Ethnicity

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017-2018		2013-2014 to 2018-2019		2014-2015 to 2019-2020			
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	39	193	48	184	42	168	43	182
American Indian	2	8	0	0	1	5	1	5
Asian/Pacific Islander	24	66	24	67	24	90	24	74
Filipino	20	48	28	55	17	42	22	48
Latinx	207	1,070	218	1,047	249	1,145	225	1,087
White	70	208	81	221	99	264	83	231
Two or More Races	20	70	16	76	23	80	20	75
Unreported	5	21	13	50	12	45	10	39
Total	387	1,684	428	1,700	467	1,839	427	1,741

Source: National Student Clearinghouse

Table 23. Mesa College Overall Transfer Rate by Ethnicity

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=759)	2013-2014 to 2018-2019 (N=774)	2014-2015 to 2019-2020 (N=778)	
African American	30%	29%	28%	29%
American Indian	25%	0%	20%	13%
Asian/Pacific Islander	38%	43%	47%	42%
Filipino	42%	37%	40%	40%
Latinx	34%	31%	30%	32%
White	44%	42%	46%	44%
Two or More Races	30%	39%	38%	36%
Unreported	44%	47%	49%	47%
Total	37%	36%	37%	37%

Source: National Student Clearinghouse

Table 24. Mesa College Overall Transfer Rate by Ethnicity

	Cohort						Average	
	2012-2013 to 2017-2018		2013-2014 to 2018-2019		2014-2015 to 2019-2020		2012-13 to 2014-15	
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	41	137	41	142	39	138	40	139
American Indian	1	4	0	7	1	5	1	5
Asian/Pacific Islander	90	240	106	245	103	221	100	235
Filipino	33	79	25	68	28	70	29	72
Latinx	280	831	281	902	279	916	280	883
White	269	612	251	592	262	567	261	590
Two or More Races	37	124	52	133	45	120	45	126
Unreported	8	18	18	38	21	43	16	33
Total	759	2,045	774	2,127	778	2,080	770	2,084

Source: National Student Clearinghouse

Table 25. Miramar College Overall Transfer Rate by Ethnicity

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=403)	2013-2014 to 2018-2019 (N=415)	2014-2015 to 2019-2020 (N=582)	
African American	49%	26%	56%	43%
American Indian	0%	0%	75%	50%
Asian/Pacific Islander	42%	49%	58%	50%
Filipino	43%	43%	45%	44%
Latinx	37%	27%	33%	33%
White	37%	41%	47%	42%
Two or More Races	38%	37%	39%	38%
Unreported	28%	88%	52%	49%
Total	39%	39%	45%	41%

Source: National Student Clearinghouse

Table 26. Miramar College Overall Transfer Rate by Ethnicity

	Cohort						Average	
	2012-2013 to 2017-2018		2013-2014 to 2018-2019		2014-2015 to 2019-2020		2012-13 to 2014-15	
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort
African American	20	41	11	43	25	45	19	43
American Indian	0	1	0	1	3	4	0	2
Asian/Pacific Islander	83	199	91	185	140	240	105	208
Filipino	46	108	54	125	67	150	56	128
Latinx	92	249	61	223	104	316	86	263
White	119	326	157	385	187	395	154	369
Two or More Races	38	101	34	91	44	112	39	101
Unreported	5	18	7	8	12	23	8	16
Total	403	1,043	415	1,061	582	1,285	467	1,130

Source: National Student Clearinghouse

Transfer Rate by Gender

Across the colleges, the transfer rate for female students increased from 32% of the 2012-13 cohort to 37% of the 2014-15 cohort. Male students saw transfer rates decrease from 33% of the 2012-13 cohort to 31% of the 2013-14 cohort and increase to 33% of the 2014-15 cohort. These trends were similar at each of the colleges, with lower rates at City College, slightly higher rates at Mesa College, and highest rates for female students at Miramar College. Male students at Miramar College saw the largest change, from 36% of the 2012-13 cohort to 44% of the 2014-15 cohort.

Table 27. All Colleges Overall Transfer Rate by Gender

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=1,549)	2013-2014 to 2018-2019 (N=1,617)	2014-2015 to 2019-2020 (N=1,827)	
Female	32%	35%	37%	35%
Male	33%	31%	33%	32%
Unreported	0%	--	--	0%
Total	32%	33%	35%	34%

Source: National Student Clearinghouse

Table 28. All Colleges Overall Transfer Rate by Gender

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		2014-2015 to 2019- 2020		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	768	2,373	856	2,438	949	2,560	858	2,457
Male	781	2,397	761	2,450	878	2,644	807	2,497
Unreported	0	2	0	0	0	0	0	1
Total	1,549	4,772	1,617	4,888	1,827	5,204	1,664	4,955

Source: National Student Clearinghouse

Table 29. City College Overall Transfer Rate by Gender

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=387)	2013-2014 to 2018-2019 (N=428)	2014-2015 to 2019-2020 (N=467)	
Female	22%	26%	28%	25%
Male	24%	24%	23%	24%
Unreported	0%	--	--	0%
Total	23%	25%	25%	25%

Source: National Student Clearinghouse

Table 30. City College Overall Transfer Rate by Gender

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		2014-2015 to 2019- 2020		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	191	880	232	897	261	949	228	909
Male	196	802	196	803	206	890	199	832
Unreported	0	2	0	0	0	0	0	1
Total	387	1,684	428	1,700	467	1,839	427	1,741

Source: National Student Clearinghouse

Table 31. Mesa College Overall Transfer Rate by Gender

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=759)	2013-2014 to 2018-2019 (N=774)	2014-2015 to 2019-2020 (N=778)	
Female	37%	38%	40%	39%
Male	37%	34%	34%	35%
Unreported	--	--	--	--
Total	37%	36%	37%	37%

Source: National Student Clearinghouse

Table 32. Mesa College Overall Transfer Rate by Gender

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		2014-2015 to 2019- 2020		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	389	1,040	408	1,061	423	1,045	407	1,049
Male	370	1,005	366	1,066	355	1,035	364	1,035
Unreported	0	0	0	0	0	0	0	0
Total	759	2,045	774	2,127	778	2,080	770	2,084

Source: National Student Clearinghouse

Table 33. Miramar College Overall Transfer Rate by Gender

	Cohort			Average 2012-13 to 2014-15
	2012-2013 to 2017-2018 (N=403)	2013-2014 to 2018-2019 (N=415)	2014-2015 to 2019-2020 (N=582)	
Female	42%	45%	47%	45%
Male	36%	34%	44%	39%
Unreported	--	--	--	--
Total	39%	39%	45%	41%

Source: National Student Clearinghouse

Table 34. Miramar College Overall Transfer Rate by Gender

	Cohort						Average 2012-13 to 2014-15	
	2012-2013 to 2017- 2018		2013-2014 to 2018- 2019		2014-2015 to 2019- 2020		Transfers	Cohort
	Transfers	Cohort	Transfers	Cohort	Transfers	Cohort		
Female	188	453	216	480	265	566	223	500
Male	215	590	199	581	317	719	244	630
Unreported	0	0	0	0	0	0	0	0
Total	403	1,043	415	1,061	582	1,285	467	1,130

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 attend a 4-year university from the National Student Clearinghouse. The overall average time to transfer is 3.55 years. The average number of years varies by college (City: 3.71 years, Mesa: 3.43 years, Miramar: 3.61 years).

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	
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
2014-2015 (N=1,827)	7%	24%	52%	73%	90%	100%	3.54
College Average	7%	23%	52%	73%	89%	100%	3.55

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	
2012-2013 (N=387)	9%	20%	45%	67%	83%	100%	3.75
2013-2014 (N=428)	6%	19%	43%	68%	86%	100%	3.79
2014-2015 (N=467)	9%	22%	50%	70%	89%	100%	3.60
College Average	8%	20%	46%	68%	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	
2012-2013 (N=759)	8%	27%	55%	78%	92%	100%	3.40
2013-2014 (N=774)	9%	27%	57%	78%	89%	100%	3.41
2014-2015 (N=778)	7%	25%	52%	77%	91%	100%	3.48
College Average	8%	26%	55%	77%	91%	100%	3.43

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	
2012-2013 (N=403)	6%	20%	49%	73%	91%	100%	3.61
2013-2014 (N=415)	3%	20%	51%	69%	90%	100%	3.66
2014-2015 (N=582)	5%	24%	53%	71%	89%	100%	3.58
College Average	5%	22%	51%	71%	90%	100%	3.61

Source: National Student Clearinghouse

Combined Transfer Prepared Rate

This section of the report contains data for the combined 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 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 2012-13 to 2014-15. This is different from an overall 3% increase in transfer rate. City College shows the largest percent of students that are transfer prepared but did not transfer (Figure 9). All three colleges show a smaller percentage of students becoming transfer prepared but not transferring.

Figure 8. Combined Transfer Prepared Rate by College

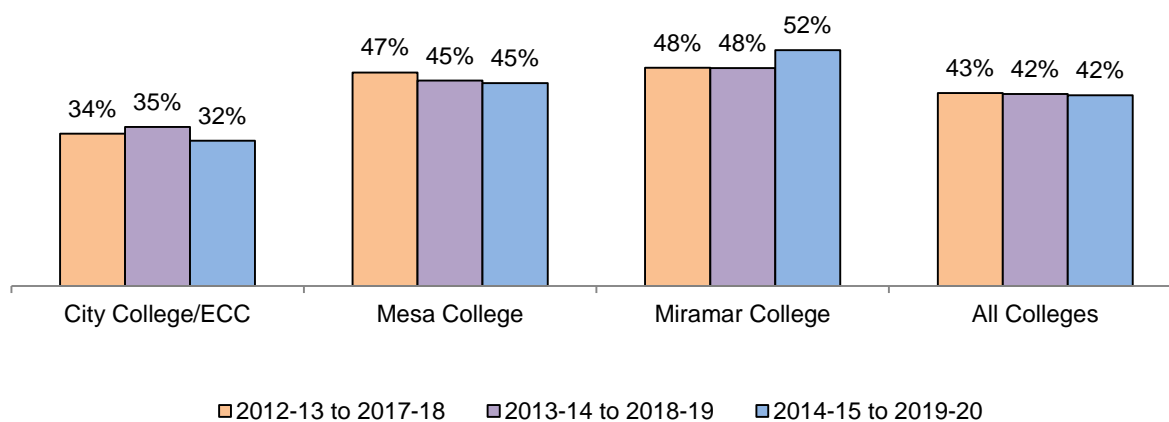
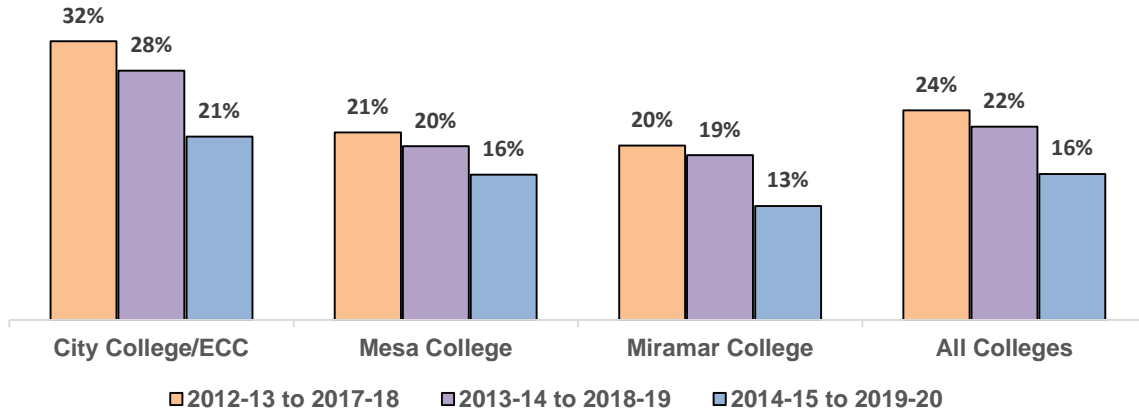


Table 39. Combined Transfer Prepared Rate by College

	Cohort									College Average 2012-13 to 2014-15
	2012-13 to 2017-18			2013-14 to 2018-19			2014-15 to 2019-20			
	Actual Transfers	Transfer Prepared	Combined Rate	Actual Transfers	Transfer Prepared	Combined Rate	Actual Transfers	Transfer Prepared	Combined Rate	
City College	387	178	34%	428	168	35%	467	122	32%	34%
Mesa College	759	204	47%	774	189	45%	778	153	45%	46%
Miramar College	403	99	48%	415	95	48%	582	86	52%	50%
All Colleges	1,549	481	43%	1,617	452	42%	1,827	361	42%	42%

Source: National Student Clearinghouse and SDCCD Information System

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



Combined Transfer Prepared Rate by Ethnicity and Gender

Table 40. All Colleges Combined Transfer Prepared Rate by Ethnicity

	Cohort			Average 2012-13 to 2014-15
	2012-13 to 2017-18 (N=2,030)	2013-14 to 2018-19 (N=2,069)	2014-15 to 2019-20 (N=2,188)	
African American	35%	34%	34%	34%
American Indian	31%	0%	36%	26%
Asian/Pacific Islander	51%	56%	57%	55%
Filipino	53%	56%	52%	54%
Latinx	37%	35%	33%	35%
White	51%	49%	51%	50%
Two or More Races	42%	45%	45%	44%
Unreported	35%	51%	50%	47%
Total	43%	42%	42%	42%

Source: National Student Clearinghouse and SDCCD Information System

Table 41. All Colleges Combined Transfer Prepared Rate by Gender

	Cohort			Average 2012-13 to 2014-15
	2012-13 to 2017-18 (N=2,030)	2013-14 to 2018-19 (N=2,069)	2014-15 to 2019-20 (N=2,188)	
Female	42%	44%	43%	43%
Male	43%	40%	41%	41%
Unreported	--	--	--	--
Total	43%	42%	42%	42%

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 2014-15 cohort students who passed transfer math also passed a transfer English course, regardless of college (City: 99%, Mesa: 100%, 98%). Two-thirds of students that passed transfer-level English also passed a transfer-level math course although it varies by college (City: 55%, Mesa: 66%, Miramar: 69%). 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								
	2012-13 to 2017-18			2013-14 to 2018-19			2014-15 to 2019-20		
	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	167	89	88	162	81	81	117	65	64
Mesa College	191	128	125	183	125	122	148	100	97
Miramar College	92	62	62	86	69	65	74	52	51
All Colleges	450	279	275	431	275	268	339	217	212

Source: SDCCD Information System

Transfer level unit completion and GPA for students that did not transfer or receive an Associate 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
		2012-13 (N=3,122)	2013-14 (N=3,164)	2014-15 (N=3,144)	
< 15 Units	GPA > 2.0	38%	42%	41%	40%
15-30 Units	GPA > 2.0	51%	51%	53%	52%
30-45 Units	GPA > 2.0	68%	68%	68%	68%
45-60 Units	GPA > 2.0	76%	77%	78%	77%
60+ Units	GPA > 2.0	91%	89%	86%	89%

Source: National Student Clearinghouse and SDCCD Information System

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

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

UC/CSU Units Earned	GPA for Transfer Courses	Cohort			Average
		2012-13 (N=1,269)	2013-14 (N=1,243)	2014-15 (N=1,291)	
< 15 Units	GPA > 2.0	39%	40%	45%	42%
15-30 Units	GPA > 2.0	56%	52%	55%	54%
30-45 Units	GPA > 2.0	73%	73%	68%	71%
45-60 Units	GPA > 2.0	78%	81%	77%	79%
60+ Units	GPA > 2.0	93%	89%	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			Average
		2012-13 (N=1,242)	2013-14 (N=1,304)	2014-15 (N=1,209)	
< 15 Units	GPA > 2.0	36%	42%	36%	38%
15-30 Units	GPA > 2.0	47%	50%	48%	48%
30-45 Units	GPA > 2.0	65%	64%	69%	66%
45-60 Units	GPA > 2.0	76%	74%	80%	77%
60+ Units	GPA > 2.0	89%	90%	84%	88%

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			Average
		2012-13 (N=611)	2013-14 (N=617)	2014-15 (N=644)	
< 15 Units	GPA > 2.0	40%	45%	38%	41%
15-30 Units	GPA > 2.0	51%	53%	56%	54%
30-45 Units	GPA > 2.0	64%	68%	65%	65%
45-60 Units	GPA > 2.0	72%	75%	78%	75%
60+ Units	GPA > 2.0	93%	86%	85%	88%

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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Addendum

All Transfer Institutions for 2019/20

College Name	Count	Percent
San Diego State University	1,578	32.6%
University Of California-San Diego	515	10.6%
National University	240	5.0%
California State University - San Marcos	154	3.2%
Arizona State University	141	2.9%
University Of California - Berkeley	111	2.3%
University Of San Diego	108	2.2%
California State University - Long Beach	82	1.7%
San Francisco State University	68	1.4%
University Of California-Los Angeles	65	1.3%
University Of California - Irvine	63	1.3%
University Of California-Santa Barbara	55	1.1%
Point Loma Nazarene University	54	1.1%
University Of California-Davis	45	0.9%
University Of California - Riverside	38	0.8%
California Polytechnic State University	35	0.7%
University Of California-Santa Cruz	34	0.7%
California State Polytechnic University	32	0.7%
Humboldt State University	32	0.7%
Western Governors University	28	0.6%
California State University - Chico	27	0.6%
San Jose State University	26	0.5%
California State University - Fullerton	24	0.5%
Azusa Pacific University- Undergraduate	22	0.5%
California State University - Dominguez Hills	22	0.5%
California State University - East Bay	22	0.5%
Grand Canyon University	21	0.4%
University Of Southern California	21	0.4%
University Of Phoenix	20	0.4%
Southern New Hampshire	18	0.4%
The University Of Arizona Global Campus	18	0.4%
Northern Arizona University	17	0.4%
University Of Maryland Global Campus	17	0.4%
American Public University System	16	0.3%
Brandman University	16	0.3%
California State Univ Channel Islands	16	0.3%
Boise State University	15	0.3%
California State University - Sacramento	15	0.3%
University Of Arizona	15	0.3%
California State University - Los Angeles	13	0.3%
California State University- Northridge	13	0.3%
Colorado State University	13	0.3%
Portland State University	13	0.3%
California State University - Bakersfield	12	0.2%
Chapman University-Orange	12	0.2%
Grand Canyon University-Traditional	12	0.2%
University Of St Augustine For Health Sciences	12	0.2%
Liberty University	11	0.2%
Old Dominion University	11	0.2%
University Of Colorado Boulder	11	0.2%
University Of Nevada Las Vegas	11	0.2%
California State University - Monterey Bay	10	0.2%
College Of Southern Nevada	9	0.2%
Embry-Riddle Aeronautical University - Worldwide	9	0.2%
University Of Washington - Seattle	9	0.2%
Academy Of Art University	8	0.2%
California State University - San Bernardino	8	0.2%

Capella University	8	0.2%
Devry University	8	0.2%
Duke University	8	0.2%
Florida State College At Jacksonville	8	0.2%
Loyola Marymount University	8	0.2%
Newschool Of Architecture And Design	8	0.2%
Oregon State University	8	0.2%
United Education Institute- Chula Vista	8	0.2%
Chamberlain University	7	0.1%
Columbia University	7	0.1%
Sonoma State University	7	0.1%
University Of Oregon	7	0.1%
George Washington University	6	0.1%
Metropolitan State University Of Denver	6	0.1%
New York University	6	0.1%
Ohio University	6	0.1%
San Diego Christian College	6	0.1%
Southern Utah University	6	0.1%
University Of Nevada-Reno	6	0.1%
University Of Redlands - Degree Seeking	6	0.1%
University Of Texas Arlington	6	0.1%
West Coast University- Anaheim	6	0.1%
Bastyr University	5	0.1%
California State University - Fresno	5	0.1%
California State University - Stanislaus	5	0.1%
Olympic College	5	0.1%
Purdue University - West Lafayette	5	0.1%
Texas Christian University	5	0.1%
Texas State University - San Marcos	5	0.1%
The Ohio State University	5	0.1%
University Of California - Merced	5	0.1%
University Of San Francisco	5	0.1%
University Of Utah	5	0.1%
California Baptist University -Undergrad	4	0.1%
California State University Maritime Academy	4	0.1%
Columbia Southern University	4	0.1%
Cornell University	4	0.1%
Full Sail University	4	0.1%
Georgia Institute Of Technology	4	0.1%
Loyola University Chicago	4	0.1%
Massachusetts Institute Of Technology	4	0.1%
Michigan State University	4	0.1%
North Seattle College	4	0.1%
Northeastern University	4	0.1%
Pennsylvania State University	4	0.1%
Purdue University Global	4	0.1%
University Of Alabama	4	0.1%
University Of Colorado Denver	4	0.1%
University Of Hawaii At Manoa	4	0.1%
University Of Maryland - College Park	4	0.1%
University Of Oklahoma	4	0.1%
University Of Portland	4	0.1%
Washington State University	4	0.1%
West Coast University- Ontario	4	0.1%
Woodbury University	4	0.1%
Alliant International University	3	0.1%
American University	3	0.1%
Baylor University	3	0.1%
California College San Diego- National C	3	0.1%
Clemson University	3	0.1%
Eastern Michigan University	3	0.1%

Embry-Riddle Aeronautical University	3	0.1%
Georgetown University	3	0.1%
Massachusetts College Of Pharmacy	3	0.1%
Pepperdine University	3	0.1%
Samuel Merritt University	3	0.1%
Seattle Central College	3	0.1%
St Petersburg College	3	0.1%
Syracuse University	3	0.1%
Touro University California	3	0.1%
University Of California-San Francisco	3	0.1%
University Of Tennessee	3	0.1%
University Of Texas - San Antonio	3	0.1%
University Of Texas At Austin	3	0.1%
University Of Texas At Dallas	3	0.1%
University Of Wisconsin- Green Bay	3	0.1%
Utah Valley University	3	0.1%
Weber State University	3	0.1%
Alcorn State University	2	0.0%
Anna Maria College	2	0.0%
Art Center College Of Design	2	0.0%
Aurora University	2	0.0%
Benedictine University	2	0.0%
Biola University	2	0.0%
Boston University	2	0.0%
Brigham Young University - Idaho	2	0.0%
Brigham Young University - Idaho Spring	2	0.0%
Campbell University	2	0.0%
Carnegie Mellon University	2	0.0%
Central Washington University	2	0.0%
Chapman University-Grad Health Sciences	2	0.0%
Colorado School Of Mines	2	0.0%
Colorado State University - Pueblo	2	0.0%
Colorado Technical University	2	0.0%
Concordia University	2	0.0%
Concordia University Texas	2	0.0%
Cuny Brooklyn College	2	0.0%
Cuny City College	2	0.0%
Depaul University	2	0.0%
Drexel University	2	0.0%
Eastern Florida State College	2	0.0%
Eastern Washington University	2	0.0%
Embry-Riddle Aeronautical University - Daytona Beach	2	0.0%
Emory University	2	0.0%
Excelsior College	2	0.0%
Ferris State University	2	0.0%
Georgia Gwinnett College	2	0.0%
Gonzaga University	2	0.0%
Indiana University Bloomington	2	0.0%
Johns Hopkins University	2	0.0%
Kennesaw State University	2	0.0%
Lipscomb University	2	0.0%
Los Angeles Pacific University	2	0.0%
Marshall B. Ketchum University	2	0.0%
Middle Tennessee State University	2	0.0%
Montana State University - Bozeman	2	0.0%
Montana State University-Billings	2	0.0%
North Carolina A&T State University	2	0.0%
Northwest University	2	0.0%
Norwich University Undergrad Quarters	2	0.0%
Nova Southeastern University	2	0.0%
Pacific University	2	0.0%

Palm Beach State College	2	0.0%
Pensacola State College	2	0.0%
Rensselaer Polytechnic Institute	2	0.0%
Rochester Institute Of Technology	2	0.0%
Rogers State University	2	0.0%
Santa Clara University	2	0.0%
Seattle Pacific University	2	0.0%
Seattle University	2	0.0%
Southern Methodist University	2	0.0%
Southern Oregon University	2	0.0%
St Mary'S College Of California	2	0.0%
Stanford University	2	0.0%
Stevens-Henager - Independence University	2	0.0%
Tarleton State University	2	0.0%
Texas A&M University - Corpus Christi	2	0.0%
Thomas Edison State University	2	0.0%
Touro University Nevada	2	0.0%
United States Naval Academy	2	0.0%
University Of Alaska Anchorage	2	0.0%
University Of Central Arkansas	2	0.0%
University Of Central Missouri	2	0.0%
University Of Florida	2	0.0%
University Of Guam	2	0.0%
University Of Hawaii At Hilo	2	0.0%
University Of Houston	2	0.0%
University Of Houston-Downtown	2	0.0%
University Of Illinois @ Springfield	2	0.0%
University Of Illinois @ Urbana	2	0.0%
University Of Maryland Global Campus	2	0.0%
University Of Miami	2	0.0%
University Of Michigan	2	0.0%
University Of Nebraska-Lincoln	2	0.0%
University Of New Mexico	2	0.0%
University Of North Carolina-Wilmington	2	0.0%
University Of North Dakota	2	0.0%
University Of North Texas	2	0.0%
University Of Northern Colorado	2	0.0%
University Of Puget Sound	2	0.0%
University Of Redlands	2	0.0%
University Of Rochester	2	0.0%
University Of South Florida	2	0.0%
University Of Texas At El Paso	2	0.0%
University Of The Pacific	2	0.0%
University Of Toledo	2	0.0%
Vanguard University Of Southern California	2	0.0%
Western Washington University	2	0.0%
Wichita State University	2	0.0%
Wilmington University	2	0.0%
Yale University	2	0.0%
Adelphi University	1	0.0%
Alfred University	1	0.0%
American Intercontinental University	1	0.0%
Amherst College	1	0.0%
Arcadia University	1	0.0%
Auburn University	1	0.0%
Augustana University	1	0.0%
Austin Peay @ Fort Campbell	1	0.0%
Bemidji State University	1	0.0%
Berklee College Of Music	1	0.0%
Bethany Lutheran College	1	0.0%
Bowling Green State University	1	0.0%

Brandeis University	1	0.0%
Brigham Young University -Idaho	1	0.0%
Broward College	1	0.0%
Bryant & Stratton College - Richmond	1	0.0%
California College San Diego	1	0.0%
California College San Diego- San Marcos	1	0.0%
California Institute Of Integral Studies	1	0.0%
California Lutheran University	1	0.0%
Capital University Columbus	1	0.0%
Central Connecticut State University	1	0.0%
Central Michigan University	1	0.0%
Central State University-Ohio	1	0.0%
Champlain College	1	0.0%
Charter Oak State College	1	0.0%
City University Of Seattle	1	0.0%
Claremont Graduate University	1	0.0%
Clark University	1	0.0%
Cleveland State University	1	0.0%
Colby College	1	0.0%
Colgate University	1	0.0%
College Of St Scholastica	1	0.0%
Colorado College	1	0.0%
Colorado Mountain College	1	0.0%
Concordia University - Irvine Adp	1	0.0%
Concordia University - Irvine Gr/Pb/Nurs	1	0.0%
Creighton University	1	0.0%
Cumberland University	1	0.0%
Cuny John Jay College Of Criminal Justice	1	0.0%
Cuny Lehman College	1	0.0%
Dakota State University	1	0.0%
Dickinson State University	1	0.0%
Dixie State University	1	0.0%
Doane University	1	0.0%
Dominican University Of California	1	0.0%
Eastern Nazarene College	1	0.0%
Eastern New Mexico University	1	0.0%
Emerson College	1	0.0%
Florida Atlantic University	1	0.0%
Florida Gulf Coast University	1	0.0%
Florida International University	1	0.0%
Florida State University	1	0.0%
Fordham University	1	0.0%
Gardner-Webb University	1	0.0%
George Mason University	1	0.0%
George Mason University-Korea	1	0.0%
Georgia Southern University	1	0.0%
Gordon State College	1	0.0%
Grand Valley State University	1	0.0%
Grantham University	1	0.0%
Guilford College	1	0.0%
Harvard University	1	0.0%
Hawaii Pacific University	1	0.0%
Holy Names University -Traditional	1	0.0%
Howard Payne University	1	0.0%
Huston-Tillotson University	1	0.0%
Idaho State University	1	0.0%
Illinois State University	1	0.0%
Indiana University Of Pennsylvania	1	0.0%
Iowa State University	1	0.0%
James Madison University	1	0.0%
Johnson & Wales University	1	0.0%

Judson University	1	0.0%
Kansas Wesleyan University	1	0.0%
Keck Graduate Institute	1	0.0%
King University	1	0.0%
La Sierra University	1	0.0%
Lafayette College	1	0.0%
Lake Erie College Of Osteopathic Medicine	1	0.0%
Lake Washington Institute Of Technology	1	0.0%
Lake-Sumter State College	1	0.0%
Lamar University - Beaumont	1	0.0%
Lawrence Technological University	1	0.0%
Lehigh University	1	0.0%
Lewis & Clark College Of Arts & Sciences	1	0.0%
Lewis-Clark State College	1	0.0%
Lindenwood University	1	0.0%
Louisiana State University - Agriculture	1	0.0%
Louisiana State University - Shreveport	1	0.0%
Marian University	1	0.0%
Maryville University	1	0.0%
Marywood University	1	0.0%
Mcperson College	1	0.0%
Miami Dade College	1	0.0%
Miami University	1	0.0%
Middle Georgia State University	1	0.0%
Middlebury College	1	0.0%
Midland University	1	0.0%
Midway University	1	0.0%
Mills College	1	0.0%
Mississippi State University	1	0.0%
Missouri Southern State University	1	0.0%
Missouri University Of Science And Technnology	1	0.0%
Montana State University - Northern	1	0.0%
Montclair State University	1	0.0%
Mount Saint Mary'S University	1	0.0%
Musicians Institute	1	0.0%
New England College	1	0.0%
New Jersey Institute Of Technology	1	0.0%
Norfolk State University	1	0.0%
North Carolina State University	1	0.0%
North Dakota State University	1	0.0%
Northern Michigan University	1	0.0%
Northern State University	1	0.0%
Northwest Missouri State University	1	0.0%
Northwestern State University	1	0.0%
Norwich University	1	0.0%
Occidental College	1	0.0%
Oklahoma State University - Oklahoma City	1	0.0%
Oral Roberts University	1	0.0%
Oregon Institute Of Technology	1	0.0%
Pace University - Pleasantville	1	0.0%
Pacific Lutheran University	1	0.0%
Pacific Northwest College Of Art	1	0.0%
Park University	1	0.0%
Point University	1	0.0%
Pratt Institute	1	0.0%
Presbyterian College	1	0.0%
Princeton University	1	0.0%
Queens University Of Charlotte	1	0.0%
Rasmussen University - Ocala	1	0.0%
Robert Morris University	1	0.0%
Roger Williams University	1	0.0%

Rose-Hulman Institute Of Technology	1	0.0%
Ross University School Of Medicine	1	0.0%
Rutgers University	1	0.0%
Saint Anthony College Of Nursing	1	0.0%
Saint Leo University	1	0.0%
Saint Martin'S University	1	0.0%
Saint Peter'S University	1	0.0%
Saint Xavier University	1	0.0%
Samuel Merritt	1	0.0%
San Diego Christian College- Online	1	0.0%
Santa Fe College	1	0.0%
Savannah College Of Art And Design	1	0.0%
Scripps College	1	0.0%
Sierra Nevada College	1	0.0%
Simpson University	1	0.0%
Skagit Valley College	1	0.0%
Smith College	1	0.0%
South College	1	0.0%
South Seattle College	1	0.0%
Southern Connecticut State University	1	0.0%
Southern Nazarene University	1	0.0%
Southwestern University	1	0.0%
St Ambrose University	1	0.0%
St Cloud State University	1	0.0%
St John Fisher College	1	0.0%
St John'S College Undergrads	1	0.0%
St Johns River Community College	1	0.0%
St Marys College Of Maryland	1	0.0%
Suffolk University Boston	1	0.0%
Suny College Potsdam	1	0.0%
Suny Farmingdale	1	0.0%
Suny Fashion Institute Of Technology	1	0.0%
Suny University At Albany	1	0.0%
Suny University At Buffalo	1	0.0%
Talladega College	1	0.0%
Temple University	1	0.0%
Texas A&M International University	1	0.0%
Texas A&M University	1	0.0%
Texas Southern University	1	0.0%
Texas State University - Round Rock Campus	1	0.0%
Texas Woman'S University	1	0.0%
Thomas Jefferson University- Nursing	1	0.0%
Trinity International University Law School	1	0.0%
Trinity University	1	0.0%
Troy University	1	0.0%
Tuskegee University	1	0.0%
Union College	1	0.0%
Union University	1	0.0%
University Of Alaska - Fairbanks	1	0.0%
University Of California - San Diego School Of Medicine	1	0.0%
University Of Central Florida	1	0.0%
University Of Charleston	1	0.0%
University Of Chicago	1	0.0%
University Of Cincinnati	1	0.0%
University Of Cincinnati - Blue Ash	1	0.0%
University Of Cincinnati- (Non-Med)	1	0.0%
University Of Colorado Colorado Springs	1	0.0%
University Of Dallas	1	0.0%
University Of Denver - Colorado	1	0.0%
University Of Idaho	1	0.0%
University Of Illinois At Chicago	1	0.0%

University Of Iowa	1	0.0%
University Of Jamestown	1	0.0%
University Of Kansas	1	0.0%
University Of La Verne Capa	1	0.0%
University Of Memphis	1	0.0%
University Of Minnesota - Crookston	1	0.0%
University Of Minnesota-Twin Cities	1	0.0%
University Of Missouri-Columbia	1	0.0%
University Of Missouri-Kansas City	1	0.0%
University Of Missouri-St Louis	1	0.0%
University Of Montana	1	0.0%
University Of Nebraska Medical Center	1	0.0%
University Of New England	1	0.0%
University Of North Carolina - Charlotte	1	0.0%
University Of North Carolina-Chapel Hill	1	0.0%
University Of North Georgia	1	0.0%
University Of Pennsylvania	1	0.0%
University Of Pittsburgh	1	0.0%
University Of San Diego Law School	1	0.0%
University Of South Carolina	1	0.0%
University Of South Carolina Beaufort	1	0.0%
University Of South Dakota	1	0.0%
University Of St Thomas	1	0.0%
University Of Tampa Physician Assistant	1	0.0%
University Of Texas Rio Grande Valley	1	0.0%
University Of The District Of Columbia	1	0.0%
University Of The Pacific - San Francisco	1	0.0%
University Of The Pacific-Pharmacy	1	0.0%
University Of West Florida	1	0.0%
University Of Wisconsin - Oshkosh	1	0.0%
University Of Wisconsin- Oshkosh- Fox Cities	1	0.0%
University Of Wisconsin- Platteville	1	0.0%
University Of Wyoming	1	0.0%
Utica College	1	0.0%
Valdosta State University	1	0.0%
Valencia College	1	0.0%
Vanderbilt University	1	0.0%
Vincennes University	1	0.0%
Virginia Polytech & State University	1	0.0%
Wagner College	1	0.0%
West Coast University- North Hollywood	1	0.0%
West Texas A&M University	1	0.0%
West Virginia University	1	0.0%
Western Michigan University	1	0.0%
Western University Of Health Sciences	1	0.0%
Westmont College	1	0.0%
Wheaton College	1	0.0%
Whittier College	1	0.0%
William Paterson University Of New Jersey	1	0.0%
Winthrop University	1	0.0%
York College	1	0.0%
Total	4,839	100.0%