Older Adult Re-Entry Completion and Transfer within 3-Years RB# 242

College of the Canyons

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Table of Contents

Tables

Introduction

The office of Institutional Research, Planning, & Institutional Effectiveness (IRPIE) conducted analysis using the Pathways Cohort Tableau visualizations intended to compare completion and transfer rates for non-traditional age, older adult re-entry students (25 years and older), as compared to students of a traditional college age (less than 25 years). Specifically, this analysis intended to compare the following questions comparing students less than age 25 to students 25 years and older:

- Are there differences in rates of transferring and completion within 3 years?
- Are there difference in rates of transferring and completion within 3 years with regard to race/ethnicity?
- What gender category has higher rates of transferring and completion within 3-years?

Methodology

The data to complete the analysis in this report was retrieved from two Tableau Data Visualizations. These dashboards follow cohorts (summer/fall starters) of students for 3-years from their first semester enrolled at College of the Canyons and track if the student has completed and/or <u>transferred within 3-years' time</u>. The dashboards also include information regarding the cohort demographics, 3-year completion/transfer momentum points, 3-year completion/transfer by demographics, and 3-year completion/transfer by student services utilization. Tableau dashboards about both transfer rates and completion rates include a tab where measures and outcomes are defined, and concepts are explained. [1]

First-time cohorts were the students with first-time enrollment in the summer or fall term 2017, 2018, 2019, and 2020. If student's enrollment status was first-time in a summer term the student was included in these cohorts if they also had an enrollment in the first primary term (fall) of that corresponding year (*i.e., summer 2017 first time students is in the fall 2017 cohort if they had an active enrollment in the corresponding primary term fall 2017*)

Completion within 3 years is defined as the concept that a student has earned a degree or certificate within 3 years of their first fall term here at College of the Canyons. This includes awards earned up through summer 2022, thus for later cohorts 2020.

Transferring is defined as students who transfer to a four-year institution within 3-years. These students must have a record of enrollment at a 4-year institution. The first enrollment date at a 4-year subsequent to their fall cohort start date was used to calculate time to completion.

Results

Profile of Students aged 25+ vs. less than 25

There are over three thousand total first-time students enrolled consistently every fall term across 2017-2019, with the largest being in 2019 with 3,253 students. The cohort sizes increased across 2017-19 with the largest being 3,253 in Fall 2019. The students aged less than 25 illustrated a consistent pattern of making up the majority (~94%) of enrollments of total first-time students (cohorts 2017-2019). *See table below.*

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[1] Link to 3-Year Completion Visualization: <u>HERE</u> Link to 3-Year Transfer Visualization: <u>HERE</u> These links include updated date with Fall 2020 and 2021 Cohorts.

Table 1. First-Time Cohort Sizes Fall 2017-19

	Fall 2017	**Fall 2018**	**Fall 2019**	**Total 2017-2019**
Total First-time Students	3,165	3,169	3,253	9,587
Age Total (25+)	180	182	218	580
Age Total <25	2,984	2,986	3,034	9004

The sum does not exclude those students whose ages were "unknown" however data reported from here forward exclude unknown ages and/or ethnicities.

3-year Completion Rates for students age 25+ vs. Less than 25

Disaggregating the details by cohorts, in the fall of 2017, the <25 group had a 10% higher completion rate than the 25+ group (15% vs 25%). For fall of 2018 the <25 age group continued this pattern (14% vs. 24%). The fall of 2019 had the same gap only larger (10% vs 25%, respectively).

Table 2. Completion Rates by students ages < 25 and students age 25+

	Fall 2017	**Fall 2018**	**Fall 2019**	**Total 2017-2019**
Total First-time Student Completers	**24%** 783/3,165	**25%** 757/3,169	**24%** 788/3,253	**24%** 2,328/9,587
Age Total <25	**25%** 756/2,984	**25%** 731/2986	**25%** 767/3,034	2,254/9,004
Age Total +25	**15%** 27/180	**14%** 26/182	**10%** 21/218	**13%** 74/580

Completion by Race/Ethnicity

The table below shows the number of first-time students who completed a degree or certificate within 3-years by age category by race/ethnicity across three fall cohorts of first-time students (2017-2019). The race/ethnicity with the highest completion rate is Asian/Filipino (34%) among less than 25-year-olds. The second highest completion rate for students <25 is among White Students (30%). Within the older adult re-entry 25+ group the race ethnicity with highest completion rates are White students (15%). The small number of individuals per race should also be considered (within the adult re-entry age category (25+) because they are small. *See table below.*

Table 3. Three-Year Completion Rates for Adult Re-entry (25+) vs Less Than 25 by Race/Ethnicity (Cohorts 2017-19)

Race	Fall 2017-2019 Age: (25+)	Fall 2017-2019 Age: <25
Hispanic/Latinx	39 (14%)	1,022 (21%)
White	25 (15%)	724(30%)
Asian/Filipino	3 (11%)	330 (34%)
African American/Black	4 (6%)	60 (14%)
Unknown	3 (9%)	63 (25%)
Two or more races	0 (0%)	41 (29%)
Native American/Alaska Native	0 (0%)	9 (24%)
Pacific Islander/Hawaiian	0 (0%)	5 (18%

Numerators are provided in table above, please see Appendix for each Fall Cohort rate and/or visit the interactive visualizations for full data on unique student counts.

Completion by Gender

The table below shows the number of first-time students who completed a degree or certificate within 3-years by age category by gender across three fall cohorts of first-time students (2017-2019). Female students within the adult re-entry demographic (ages 25+) tend to have a lower rate of completion (15%) after 3 years in comparison to female students in the younger demographic (ages <25; 31%).

Male students within the adult re-entry demographic (ages 25+) tend to have a lower rate of completion after 3 years in comparison to male students in the younger demographic (ages <25). For the fall of 2017-2019 the rate of completion for male students was 10% after 3 years, whereas for the less than 25 group the rate of completion was 20% (twice the rate for adult-re-entry) after 3 years.

Last, females as compared to males have higher completion rates regardless of age demographic. *See table below*.

Table 4. Three-Year Completion Rates for Adult Re-entry (25+) vs. Less Than 25 by Gender (Cohorts 2017-19)

Gender	Fall 2017-2019 Age: 25+	Fall 2017-2019 Age: <25
Female	37 (15%)	1,345 (31%)
Male	35 (10%)	888 (20%)
Unknown	2 (40%)	21 (25%)

Numerators are provided in table above, please see Appendix for each Fall Cohort rate and/or visit the interactive visualizations for full data on unique student counts.

3-year Transfer Rates for students age 25+ vs. Less than 25

Disaggregating the details by cohorts, for fall 2017 there was a 10% difference in transfer rates with the younger demographic of students <25 completing at higher rates than the adult re-entry 25+ category (14% vs 4%). Fall 2018, had a 15% difference in transfer rates for <25 vs 25+ (16% vs 1%, respectively). Overall students ages less than 25 have a 3-year transfer rate that is over three times that of students age 25+ (16% vs 3 %, respectively).

Table 5. 3-Year Transfer Rates by Students ages <25 vs. 25+

	Fall 2017	Fall 2018	Fall 2019	Total 2017-2019
Total First-time Student Transfers	413/3165 **(13%)**	479/3,169 **(15%)**	413/3,165 **(18%)**	1,472/9,587 **(15%)**
Age Total <25	406/2,984 **(14%)**	477/2,986 **(16%)**	571/3,034 **(19%)**	1,454/9,004 **(16%)**
Age Total 25+	7/180 **(4%)**	2/182 **(1%)**	9/218 **(4%)**	18/580 **(3%)**

Transfer by Race/Ethnicity

The table below shows the number of first-time students who transferred from COC within 3-years by age category by race across three fall cohorts of first-time students (2017-2019).

Among the younger demographic of students (<25), the highest rates of transferring are among the Asian/Filipino (26%). Whereas, among the older adult re-entry category (age 25+), the two or more races demographic has the highest rate of transferring (17%). taking into consideration that the student count is much lower than those with a lower percent rate of transferring such as the Hispanic/ Latinx and White demographic. *See table below for information.*

Table 6. Three-year Transfer Rates for Adult Re-entry (25+) vs Less Than 25 by Race/Ethnicity (Cohorts 2017-19)

Race	Fall 2017-2019 Age: 25+	Fall 2017-2019 Age: <25
Hispanic/Latinx	7 (3%)	535 (11%)
White	7 (4%)	520 (22%)
Asian/Filipino	1 (4%)	249 (26%)
African American/Black	1 (2%)	62 (15%)
Two or more races	1 (17%)	32 (23%)
Unknown	1 (3%)	46 (19%)
Native American/Alaska Native	0 (0%)	7 (18%)
Pacific Islander/Hawaiian	0 (0%)	3 (11%)

Numerators are provided in table above, please see Appendix for each Fall Cohort rate and/or visit the interactive visualizations for full data on unique student counts.

Transfer by Gender

The table below shows the number of first-time students who transferred out of COC with a degree or certificate within 3-years by age category by gender across three fall cohorts of first-time students (2017-2019). The older adult re-entry demographic (ages 25+) had a tremendously lower rate of students who transfer within 3 years in comparison to the

younger demographic. Females in the older adult re-entry category (ages 25+) had a 2% rate as compared to females in the younger age category (<25) who had a 19% rate. This gap is similar among males across age categories.

Last, within the older adult-re-entry age category males have higher transfer rates (4%) as compared to older adult re-entry aged females (2%). *See table below for information.*

Table 7. Three-year Transfer Rates for Adult Re-entry (25+) vs Less Than 25 by Race/Ethnicity (Cohorts 2017-19)

Gender	Fall 2017-2019 Ages: 25+	Fall 2017-2019 Ages: <25
Female	5 (2%)	825 (19%)
Male	12 (4%)	611 (13%)
Unknown	1 (20%)	18 (21%)

Numerators are provided in table above, please see Appendix for each Fall Cohort rate and/or visit the interactive visualizations for full data on unique student counts.

Summary Findings

Upon review of the results from the Pathways Cohort Visualization, it is indicated that older adult re-entry (students ages 25+) predominantly show a pattern of having a lower rate of completion and a lower rate of transferring out of College of the Canyons within three years as compared to younger students (ages <25).

Completion:
- The race ethnicity with the highest rate of completion among the older adult re-entry group (ages 25+) were White students whereas the race/ethnicity with the highest rate of completion among the younger age group (<25) were Asian/Filipino students.
- The African American/ black demographic had the lowest rate of completion overall, while also having the lowest number of students.
- Female students have a higher rate of completion overall, compared to male students regardless of age category. But students who are in the younger (<25) category have higher rates of completion within a gender than that same gender in the older adult age group (25+) in general.

Transfer:
- The Asian/Filipino demographic had the highest rate of transferring students overall regardless of age.
- The older demographic has a lower rate of female students who transfer after 3 years in comparison to the younger demographic.

There are further details on specific fall cohorts located in the appendix.

Recommendations & Implications

Upon review of the results obtained from the tableau visualizations on completion and transfer by age the following recommendations should be taken into consideration:
- Explore strategies for recruiting students of an older demographic
- Explore ways to further academically support individuals who are of the older demographic
- Target specific resources for individuals who are older to ensure they attain their educational goals.

For questions, or more detailed information on this research brief, contact Preeta Saxena, Ph.D., Director Institutional Research, Planning and Institutional Effectiveness at preeta.saxena@canyons.edu.

APPENDIX A

Enrollment of first-time students ages 25+ in comparison to ages less than 25 through the years 2017-2019.

Cohorts	**Fall 2017 (N)**	Fall 2017 (%)	Fall 2018 (N)	Fall 2018 (%)	Fall 2019 (N)	Fall 2019 (%)	Fall 2017-2019 (N)	Fall 2017-2019 (%)
Total First-time Students	3,165	--	3,169	--	3,253	--	9,587	--
Age (25+)	**180**	**6%**	**182**	**6%**	**218**	**7%**	**580**	**6%**
Age <25	**2,984**	**94%**	**2,986**	**94%**	**3034**	**93%**	**9,004**	**94%**

Race / Ethnicity comparing all first-time students ages 25+ in comparison to ages less than 25 3-yr completion rates

Race	Fall 2017 (25+)	Fall 2017 (<25)	Fall 2018 (25+)	Fall 2018 (<25)	Fall 2019 (25+)	Fall 2019 (<25)
Hispanic/Latinx	13 (15.0%)	329 (22.0%)	14 (16.0%)	334 (21.0%)	12 (12.0%)	359 (22.0%)
White	11 (20.0%)	267 (30.0%)	8 (14.0%)	240 (30.0%)	6 (11.0%)	217 (31.0%)
Asian/Filipino	1 (11.0%)	109 (34.0%)	2 (17.0%)	101 (32.0%)		120 (36.0%)
African American/Black	2 (9.0%)	17 (12.0%)	1 (7.0%)	16 (12.0%)	1 (4.0%)	27 (18.0%)
Unknown		9 (21.0%)	1 (14.0%)	23 (36.0%)	2 (10.0%)	31 (22.0%)
Two or more races		20 (32.0%)		12 (29.0%)		9 (24.0%)
Native American/Alaska Native		3 (25.0%)		4 (25.0%)		2 (20.0%)
Pacific Islander/Hawaiian		2 (18.0%)		1 (17.0%)		2 (18.0%)

Gender comparing all first-time students ages 25+ in comparison to ages less than 25 3-yr completion rates

Gender	Fall 2017 (25+)	Fall 2017 (<25)	Fall 2018 (25+)	Fall 2018 (<25)	Fall 2019 (25+)	Fall 2019 (<25)
Female	11 (14.0%)	436 (30.0%)	16 (20.0%)	425 (29.0%)	10 (12.0%)	484 (33.0%)
Male	15 (15.0%)	311 (21.0%)	9 (9.0%)	300 (20.0%)	11 (8.0%)	277 (18.0%)
Unknown	1 (50.0%)	9 (36.0%)	1 (50.0%)	6 (27.0%)		6 (16.0%)

Race/ethnicity comparing all first-time students ages 25+ in comparison to ages less than 25 3-yr transfer rates

Race	Fall 2017 (25+)	Fall 2017 (<25)	Fall 2018 (25+)	Fall 2018 (<25)	Fall 2019 (25+)	Fall 2019 (<25)
Hispanic/Latinx	3 (4.0%)	134 (9.0%)	2 (2.0%)	175 (11.0%)	2 (2.0%)	226 (14.0%)
White	3 (5.0%)	166 (19.0%)	0 (0.0%)	176 (22.0%)	4 (7.0%)	178 (25.0%)
Asian/Filipino	1 (11.0%)	61 (19.0%)	0 (0.0%)	83 (26.0%)	0 (0.0%)	105 (31.0%)
African American/Black	0 (0.0%)	18 (13.0%)	0 (0.0%)	17 (13.0%)	1 (4.0%)	27 (18.0%)

Two or more races	0 (0.0%)	12 (19.0%)	0 (0.0%)	10 (24.0%)	1 (33.0%)	10 (27.0%)
Unknown	0 (0.0%)	10 (23.0%)	0 (0.0%)	13 (20.0%)	1 (5.0%)	23 (16.0%)
Native American/Alaska Native	0 (0.0%)	2 (17.0%)	0 (0.0%)	3 (19.0%)	0 (0.0%)	2 (20.0%)
Pacific Islander/Hawaiian		3 (27.0%)	0 (0.0%)	0 (0.0%)		0 (0.0%)

Gender comparing all first-time students ages 25+ in comparison to ages less than 25 3-yr transfer rates

Gender	Fall 2017 (25+)	Fall 2017 (<25)	Fall 2018 (25+)	Fall 2018 (<25)	Fall 2019 (25+)	Fall 2019 (<25)
Female	2 (3.0%)	210 (14.0%)	1 (1.0%)	280 (19.0%)	2 (2.0%)	335 (23.0%)
Male	4 (4.0%)	190 (13.0%)	1 (1.0%)	191 (13.0%)	7 (5.0%)	230 (15.0%)
Unknown	1 (50.0%)	6(24.0%)	0 (0.0%)	6 (27.0%)	0 (0.0%)	6 (16.0%)