Labor Market Analysis for Program Review: 0614.50/Desktop Publishing
(Adobe Applications for Business CA)
(Digital Publishing CA & AA) (Adobe Web Projects for Business CA)
Orange County Center of Excellence, December 2024

Program reviews are conducted by individual colleges to periodically review curriculum of their existing programs, and in the case of career technical education programs, ensure continued alignment with regional labor market needs. Because a program review evaluates an existing program, rather than establishing a new program, additional supply will not be added; therefore, the endorsement criteria included in this report is determined slightly differently than it is for a new program that requires regional recommendation.

Summary

Program LMI Endorsement	Endorsed: All LMI Criteria Met ☐	Endorsed: Some LMI Criteria Met ☒	Not LMI Endorsed ☐

Program LMI Endorsement Criteria		
Supply Gap:	Yes ☑	No ☐
	Comments: there is projected to be **126 annual job openings** throughout Los Angeles and Orange counties for these Adobe applications occupations, which **is more than the 120 awards conferred by educational institutions.**	
Self-Sufficiency Standard Living Wage[1]:	Yes ☐	No ☑
	Comments: **all annual job openings** for these Adobe applications occupations **have entry-level hourly wages significantly below the OC living wage of $27.13.**	
Education:	Yes ☑	No ☐
	Comments: all annual job openings for these Adobe applications occupations typically require a **postsecondary nondegree award or an associate degree,** and **between 39% and 40% of workers in the field have completed some college or an associate degree as their highest level of education.**	

Additional Considerations			
Emerging Occupation(s):	Yes ☐	Some ☐	No ☑
	Comments: N/A		
OC Resilient Job(s):	Yes ☐	Some ☐	No ☑
	Comments: See Resilient Jobs and US News & World Report Best Jobs		
U.S. News & World Report 2024 Best Jobs List[2]:	Yes ☐	Some ☐	No ☑
	Comments: See Resilient Jobs and US News & World Report Best Jobs		

[1] At the direction of the California Community College Chancellor's Office, the living wage endorsement criteria in this report uses the University of Washington's Center for Women's Welfare Self-Sufficiency Standard, which the COE refers to as a living wage, to determine Orange County's living wage of $27.13, last updated in March 2024.
[2] "100 Best Jobs of 2024," U.S. News & World Report, accessed May 7, 2024, https://money.usnews.com/careers/best-jobs/rankings/the-100-best-jobs.

The Orange County Center of Excellence for Labor Market Research (OC COE) prepared this report to determine whether there is a supply gap in the Los Angeles/Orange County regional labor market related to two middle-skill occupations:

- *Desktop Publishers* (43-9031)
- *Prepress Technicians and Workers* (51-5111)

Based on the available data, there appears to be a supply gap for these Adobe applications occupations and typical education requirements for these occupations align with a community college education. However, all annual job openings have entry-level wages significantly below the Self-Sufficiency Standard living wage. **Therefore, due to some of the regional labor market criteria being met, the COE endorses this proposed program.**

Exhibit 1 lists the occupational demand, supply, typical entry-level education, and educational attainment for the occupations included in this report.

Exhibit 1: Labor Market Endorsement Summary

Occupation (SOC)	Demand (Annual Openings)	Supply (CC and Non-CC)	Entry-Level Hourly Earnings (25th Percentile)	Typical Entry-Level Education	Community College Educational Attainment
Desktop Publishers (43-9031)	LA: 21 OC: 7 TTL: *27*	*Accounted for Below*	OC: $19.81	Associate degree	40%
Prepress Technicians and Workers (51-5111)	LA: 64 OC: 34 TTL: *99*	LA: 38 OC: 82 TTL: *120*	OC: $21.73	Postsecondary nondegree award	39%
Total	**126**	**120**	**N/A**	**N/A**	**N/A**

Demand:

- The number of jobs related to these Adobe applications occupations is projected to decrease by 11% through 2028, equating to 126 annual job openings.
- Hourly entry-level wages for these Adobe applications occupations range from $19.81 to $21.73 in Orange County; all annual job openings have entry-level wages significantly below the Self-Sufficiency Standard living wage.
- There were 170 online job postings for these Adobe applications occupations over the past 12 months. The highest number of postings were for camera operators, print technicians, and desktop publishers.
- The typical entry-level education for these Adobe applications occupations ranges from postsecondary nondegree award to associate degree.
- Between 39% and 40% of workers in the field have completed some college or an associate degree as their highest level of educational attainment.

Supply:

- There was an average of 120 awards conferred by 13 community colleges in Los Angeles and Orange Counties from 2020 to 2023.

- No awards conferred by non-community colleges in Los Angeles and Orange counties from 2020-2023.
- Orange County community college students that exited desktop publishing programs in the 2020-21 academic year had a median annual wage of $35,664 ($17.15 per hour) after exiting the program and 38% attained the regional living wage.
- Throughout Orange County, 83% of desktop publishing students that exited their program in 2019-20 reported that they are working in a job closely related to their field of study.

Demand

Occupational Projections:

Exhibit 2 shows the annual percent change in jobs for these Adobe applications occupations from 2018 through 2028. Though there was a 7% decline across all occupations in Los Angeles and Orange counties from 2019 to 2020 due to the COVID-19 pandemic, employment for these Adobe applications occupations significantly decreased in Orange County by 21% during the same period.

In the two years preceding the pandemic, employment for these occupations fluctuated in Orange County with a 3% increase in 2019 following a 4% decline in 2018. Employment fluctuations continued throughout 2020 through 2023. Orange County employment is projected to decrease through 2028, at a lower rate compared to all occupations in Los Angeles and Orange counties.

Exhibit 2: Annual Percent Change in Jobs for Adobe Applications Occupations, 2018-2028
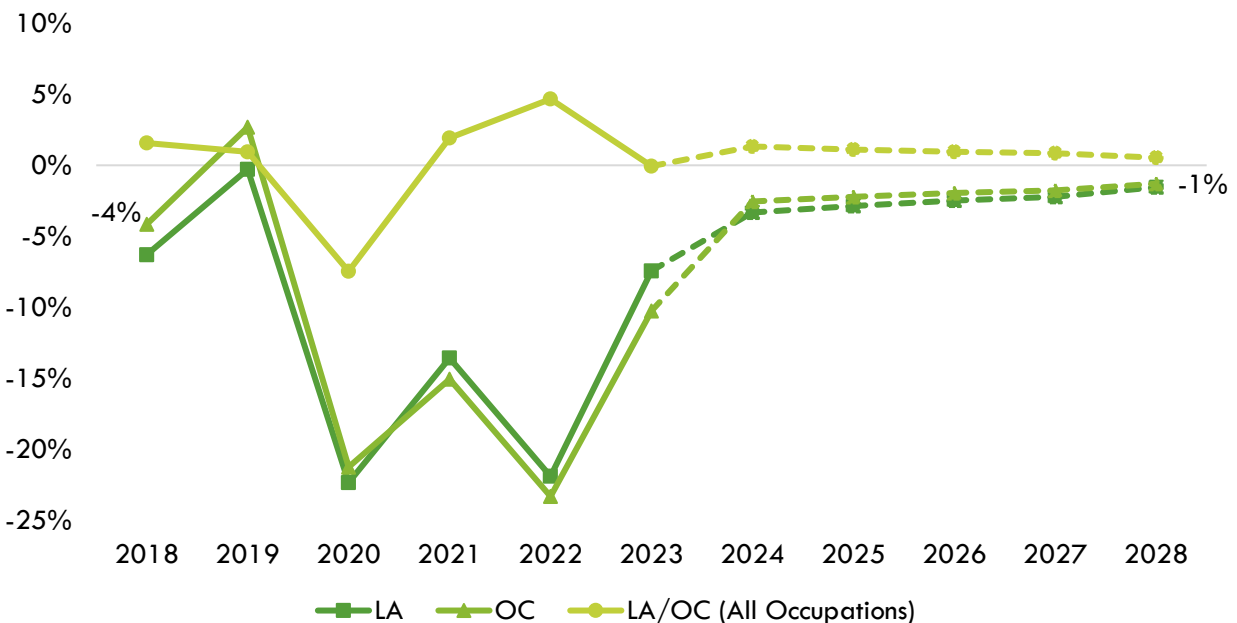
Exhibit 3 shows the five-year occupational demand projections for these Adobe applications occupations. In Los Angeles/Orange County, the number of jobs related to these occupations is projected to decrease by 11% through 2028. There is projected to be 126 jobs available annually.

Exhibit 3: Occupational Demand in Los Angeles and Orange Counties[3]

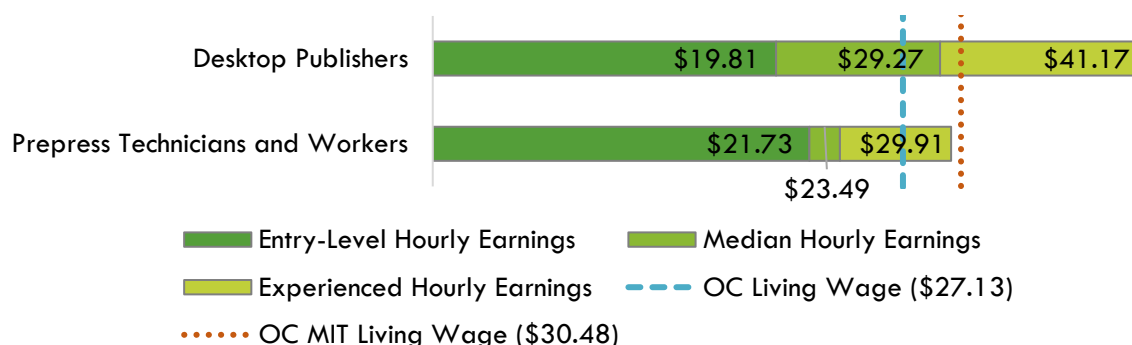| Geography	2023 Jobs	2028 Jobs	2023-2028 Change	2023-2028 % Change	Annual Openings
Los Angeles	761	671	(90)	(12%)	85
Orange	353	320	(33)	(9%)	41
Total	**1,114**	**991**	**(123)**	**(11%)**	**126**

Wages:

The labor market endorsement in this report considers the entry-level hourly wages for these Adobe applications occupations in Orange County as they relate to the county's living wage. Los Angeles County wages are included below to provide a complete analysis of the LA/OC region.

At the direction of the California Community College Chancellor's Office, the living wage endorsement criteria in this report uses the University of Washington's Center for Women's Welfare Self-Sufficiency Standard, which the COE refers to as a living wage, to determine Orange County's living wage of $27.13, last updated in March 2024. Additionally, data for the MIT Living Wage, updated on February 14, 2024, is provided as a reference. Currently, the MIT Living Wage in Orange County is $30.48. Both figures, which account for geographic-specific costs of necessities such as housing, food, health care, and transportation to assess the cost of living, are notated in the exhibits below.

All annual openings for these Adobe applications occupations have entry-level wages significantly below the Self-Sufficiency Standard living wage for one adult ($27.13 in Orange County). Typical entry-level hourly wages range between $19.81 and $21.73. However, the median hourly wage ranges between $29.27 and $29.91, which is above the living wage. Orange County's average wages are slightly below the average statewide wage of $28.95 for these occupations. Exhibit 4 shows the wage range for each of these Adobe applications occupations in Orange County and how they compare to the regional living wage, sorted from lowest to highest entry-level wage.

Exhibit 4: Wages by Occupation in Orange County

Desktop Publishers: $19.81 / $29.27 / $41.17
Prepress Technicians and Workers: $21.73 / $29.91 / $23.49

Legend:
- Entry-Level Hourly Earnings
- Median Hourly Earnings
- Experienced Hourly Earnings
- OC Living Wage ($27.13)
- OC MIT Living Wage ($30.48)

All annual openings for these Adobe applications occupations have entry-level wages below the Self-Sufficiency Standard living wage for one adult ($24.03 in Los Angeles County). Typical entry-level hourly wages range between $20.16 and $21.32. However, the median hourly wage ranges between $29.35

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[3] Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

and $29.62, which is above the living wage. Los Angeles County's average wages are slightly lower than the average statewide wage of $28.95 for these occupations. Exhibit 5 shows the wage range for each of these Adobe applications occupations in Los Angeles County and how they compare to the regional living wage, sorted from lowest to highest entry-level wage.
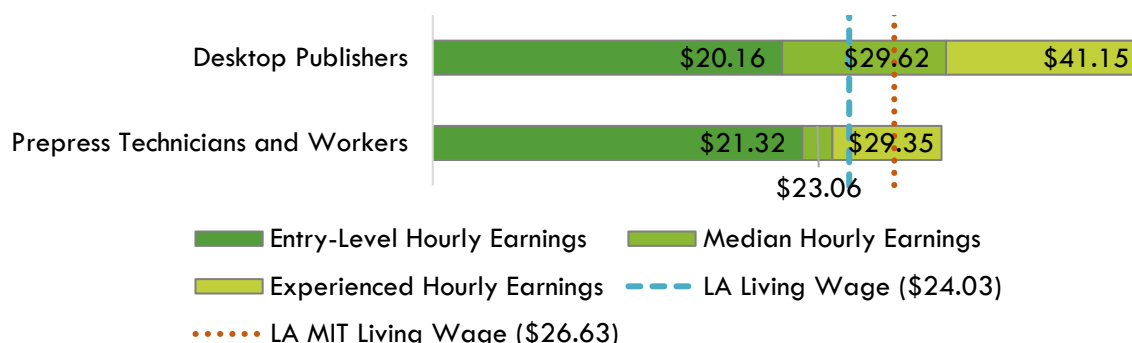
Exhibit 5: Wages by Occupation in Los Angeles County

Desktop Publishers: $20.16 | $29.62 | $41.15
Prepress Technicians and Workers: $21.32 | $29.35 | $23.06

- Entry-Level Hourly Earnings
- Median Hourly Earnings
- Experienced Hourly Earnings
- LA Living Wage ($24.03)
- LA MIT Living Wage ($26.63)

Resilient Jobs and U.S. News & World Report Best Jobs:

Exhibit 6 shows if each occupation is considered an Orange County Great Recession-Resilient, COVID-19 Pandemic Recession-Resilient Job, or a 2024 U.S. News & World Report (USN&WR) Best Job. Neither Adobe applications occupations met the criteria for any of the three designations.

Exhibit 6: Resilient Jobs and USN&WR Best Jobs Designations

Occupation	Great Recession-Resilient Job	COVID-19 Pandemic Recession-Resilient Job	2024 USN&WR Best Job
Desktop Publishers	☐	☐	☐
Prepress Technicians and Workers	☐	☐	☐

Job Postings:

Important Online Job Postings Data Note: *Online job postings data is sourced from Lightcast, a labor market analytics firm that scrapes, collects, and organizes data from online job boards such as LinkedIn, Indeed, Glassdoor, Monster, GovernmentJobs.com, and thousands more. Lightcast uses natural language processing (NLP) to determine the related company, industry, occupation, and other information for each job posting. However, NLP has limitations that include understanding contextual words of phrases; determining differences in words that can be used as nouns, verbs, and/or adjectives; and misspellings or grammatical errors.[4] For these reasons, job postings could be assigned to the wrong employer, industry, or occupation within Lightcast's database.*

Additionally, there are several limitations when analyzing job postings. A single job posting may not represent a single job opening, as employers may be creating a pool of candidates for future openings or hiring for multiple positions with a single posting. Additionally, not all jobs are posted online, and jobs may be filled through other methods such as internal promotion, word-of-mouth advertising, physical job boards, or a variety of other channels.

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[4] K. R. Chowdhary, Fundamentals of Artificial Intelligence (Basingstoke: Springer Nature, 2020), https://link.springer.com/book/10.1007/978-81-322-3972-7.

There were 170 online job postings related to these Adobe applications occupations listed in the past 12 months. Exhibit 7 shows the number of job postings by occupation. The majority (88%) of job postings were for *prepress technicians and workers* and 11% were for *desktop publishers*.

Exhibit 7: Number of Job Postings by Occupation (n=170)

Occupation	Job Postings	Percentage of Job Postings
Prepress Technicians and Workers	150	88%
Desktop Publishers	20	11%
Total Postings	**170**	**100%**

The top employers in the region, by number of job postings, are shown in Exhibit 8.

Exhibit 8: Top Employers by Number of Job Postings (n=170)

Employer	Job Postings	Percentage of Job Postings
Agile Staffing	12	1%
Sma	6	0%
AppleOne	5	0%
International Hr Services	5	0%
Multi-Color Corporation	4	0%
Jsan Consulting Ltd	3	0%
Tiny Hero	3	0%
Amentum	2	0%
Astek Wallcovering	2	0%
Awt Labels & Packaging	2	0%

The top specialized, soft, and computer skills listed by those most frequently mentioned in job postings (denoted in parentheses) are shown in Exhibit 9.
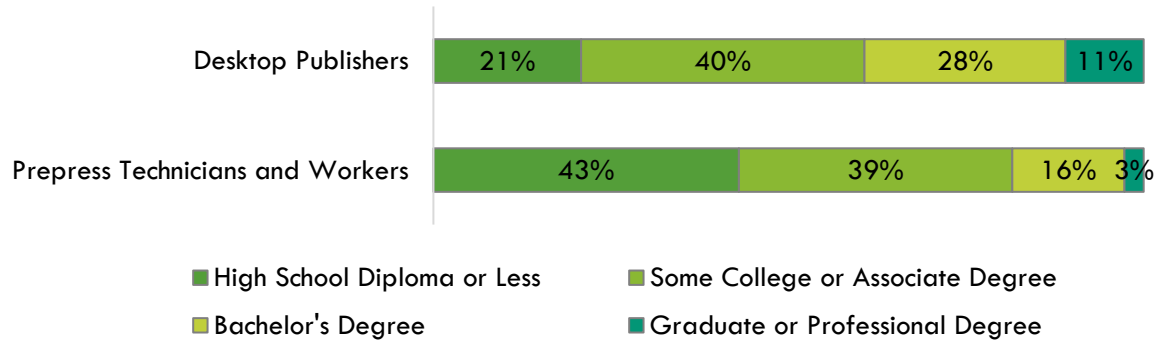
Exhibit 9: Top Skills by Number of Job Postings (n=170)

Top Specialized Skills	Top Soft Skills	Top Computer Skills
Prepress (40)	Communication (56)	Adobe Photoshop (39)
Adobe Photoshop (39)	Detail Oriented (38)	Adobe Illustrator (33)
Adobe Illustrator (33)	Multitasking (29)	Adobe InDesign (24)
Adobe InDesign (24)	Troubleshooting (Problem Solving) (23)	Adobe Creative Suite (16)
General Mathematics (18)	Computer Literacy (21)	Adobe Premiere Pro (11)
Graphic Design (18)	Management (19)	Final Cut Pro (8)
Workflow Management (17)	Customer Service (18)	Adobe After Effects (7)
Adobe Creative Suite (16)	Lifting Ability (18)	HyperText Markup Language (HTML) (7)
Adobe Premiere Pro (11)	Editing (15)	Adobe Acrobat (6)
Proofreading (11)	Operations (15)	Adobe Flash (6)

Educational Attainment:

The Bureau of Labor Statistics (BLS) lists an associate degree as the typical entry-level education for *desktop publishers* and a postsecondary nondegree award for *prepress technicians and workers*. In addition, the national-level educational attainment data indicates between 39% and 40% of workers in the field have completed some college or an associate degree as their highest level of education. Exhibit 10 shows the educational attainment for each occupation, sorted by highest community college educational attainment to lowest.

Exhibit 10: National-level Educational Attainment for Occupations

Occupation	High School Diploma or Less	Some College or Associate Degree	Bachelor's Degree	Graduate or Professional Degree
Desktop Publishers	21%	40%	28%	11%
Prepress Technicians and Workers	43%	39%	16%	3%

- ■ High School Diploma or Less
- ■ Some College or Associate Degree
- ■ Bachelor's Degree
- ■ Graduate or Professional Degree

Of the 24% of the cumulative job postings for these Adobe applications occupations that listed a minimum education requirement in Los Angeles/Orange County, 78% (32) requested a high school diploma, vocational training, or an associate degree and 22% (9) requested a bachelor's degree.

Educational Supply

Community College Supply:

Exhibit 11 shows the three-year average number of awards conferred by community colleges in the related TOP codes:

- Digital Media (0164.00)
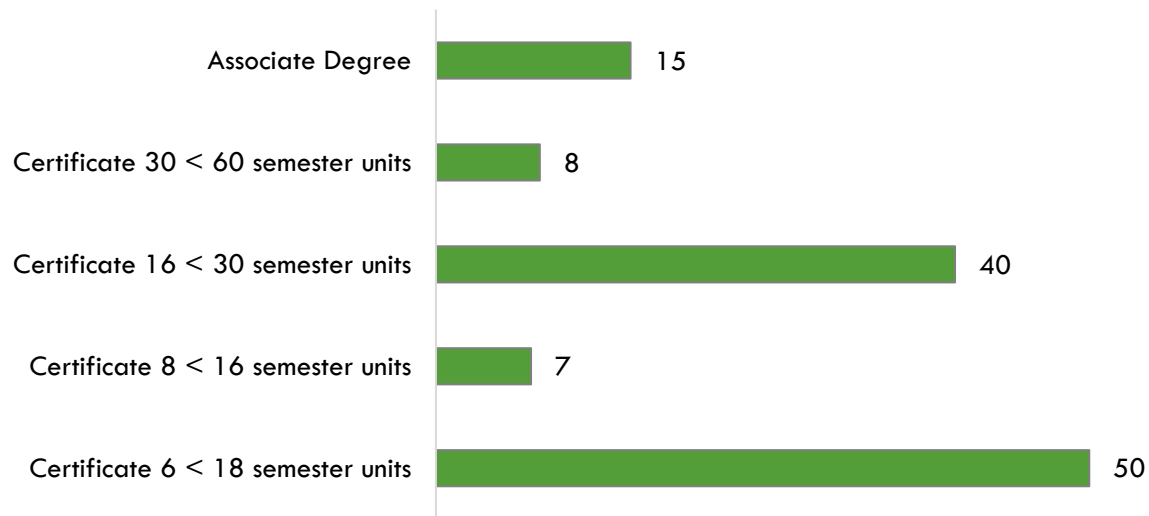- Desktop Publishing (0614.50)
- Desktop publishing (0511.00)

The colleges with the most completions in the region are Santa Ana, LA Trade, and Coastline. Over the past 12 months, there were no other community college related program recommendation requests.

Exhibit 11: Regional Community College Awards (Certificates and Degrees), 2020-2023

TOP Code	Program	College	2020-2021 Awards	2021-2022 Awards	2022-2023 Awards	3-Year Award Average
0614.00	Digital Media	LA Mission	5	5	1	4
		LA Trade	18	12	14	15
		Mt San Antonio	0	0	2	1
		Pasadena	3	15	9	9
		Rio Hondo	1	1	0	1
		Santa Monica	0	19	6	8
		LA Subtotal	**27**	**52**	**32**	**37**
		Coastline	3	3	28	11
		Cypress	2	7	4	4
		Golden West	7	0	0	2
		Irvine	6	3	1	3
		Saddleback	1	1	2	1
		Santa Ana	6	34	71	37
		OC Subtotal	**25**	**48**	**106**	**60**
		Supply Subtotal/Average	**52**	**100**	**138**	**97**
0614.50	Desktop Publishing	Santa Monica	0	0	3	1
		LA Subtotal	**0**	**0**	**3**	**1**
		Fullerton	2	1	1	1
		Santa Ana	9	23	27	20
		OC Subtotal	**11**	**24**	**28**	**21**
		Supply Subtotal/Average	**11**	**24**	**31**	**22**
0936.00	Printing and Lithography	-	-	-	-	-
		LA Subtotal	**-**	**-**	**-**	**-**
		Fullerton	1	3	0	1
		Saddleback	0	1	0	0
		OC Subtotal	**1**	**4**	**0**	**2**
		Supply Subtotal/Average	**1**	**4**	**0**	**2**
		Supply Total/Average	**64**	**128**	**169**	**120**

Exhibit 12 shows the annual average community college awards by type from 2020-21 to 2022-23. The plurality of awards are for certificates with 6 to less than 18 semester units, followed by certificates with 16 to less than 30 semester units, and then a significantly smaller number of associate degrees.

Exhibit 12: Annual Average Community College Awards by Type, 2020-2023

Award Type	Value
Associate Degree	15
Certificate 30 < 60 semester units	8
Certificate 16 < 30 semester units	40
Certificate 8 < 16 semester units	7
Certificate 6 < 18 semester units	50

Community College Student Outcomes:

Exhibit 13 shows the Strong Workforce Program (SWP) metrics for desktop publishing programs in Rancho Santiago Community College (RSCCD), the Orange County Region, and California. Of the 301 Orange County desktop publishing students in the 2021-22 academic year, 93% (280) attended an RSCCD college.

RSCCD students that exited desktop publishing programs in the 2021-22 academic year had higher median annual earnings ($39,232 or $18.86 per hour) compared to all desktop publishing students in Orange County ($35,664 or $17.15 per hour). A higher percentage of RSCCD desktop publishing students attained the living wage (46%) when compared to all desktop publishing students in Orange County (38%).

Exhibit 13: Desktop Publishing (0614.50) Strong Workforce Program Metrics, 2021-22[5]

SWP Metric	RSCCD	OC Region	California
SWP Students	280	301	919
SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year	37%	38%	45%
SWP Students Who Completed a Noncredit CTE or Workforce Preparation Course	92%	92%	74%
SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status	Insufficient Data	Insufficient Data	14
SWP Students Who Transferred to a Four-Year Postsecondary Institution (2019-20)	Insufficient Data	Insufficient Data	54
SWP Students with a Job Closely Related to Their Field of Study (2019-20)	75%	83%	53%

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[5] All SWP metrics are for 2021-22 unless otherwise noted.

SWP Metric	RSCCD	OC Region	California
Median Annual Earnings for SWP Exiting Students (2020-21)	$39,232 ($18.86)	$35,664 ($17.15)	$36,588 ($17.59)
Median Change in Earnings for SWP Exiting Students (2020-21)	46%	11%	31%
SWP Exiting Students Who Attained the Living Wage (2020-21)	46%	38%	45%

Non-Community College Supply:

To comprehensively analyze the regional supply, it is crucial to include data from other institutions offering desktop publishing programs. However, no awards were under the following related Classification of Instructional Programs (CIP) code in the past three years:

- Prepress/Desktop Publishing and Digital Imaging Design (10.0303)
- Graphic and Printing Equipment Operator, General Production (10.0305)
- Platemaker/Imager (10.0306)
- Printing Press Operator (10.0307)
- Computer Typography and Composition Equipment Operator (10.0308)

Regional Demographics

This section examines demographic data for Orange County community college students in desktop publishing programs compared to the OC population, along with occupational data, to identify potential diversity and equity issues addressable by community college programs.
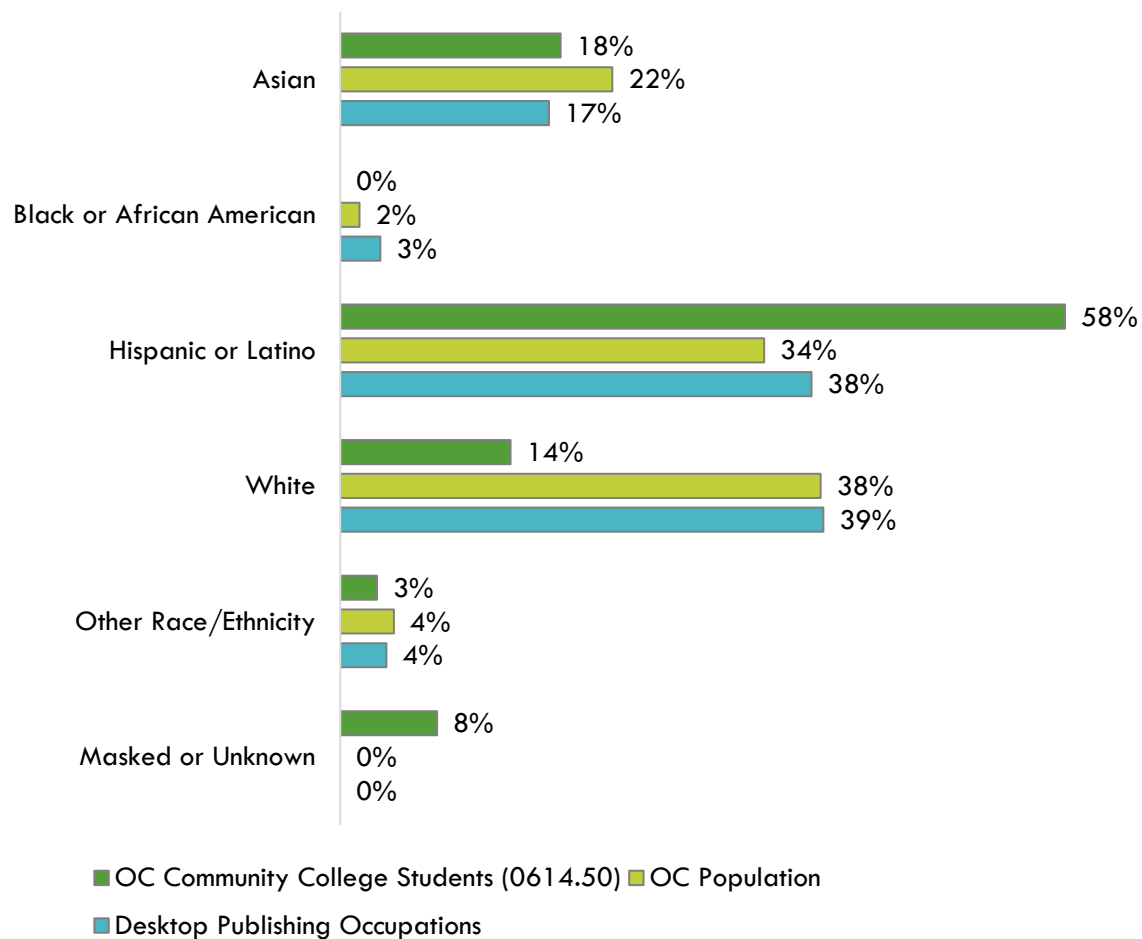
Ethnicity:

Exhibit 14 compares the ethnicity of Orange County community college students enrolled in desktop publishing programs, the overall Orange County population, and occupation-specific data for the two Adobe applications occupations included in this report.

Notably, 58% of community college desktop publishing students are Hispanic or Latino, which is much higher than the population (34%) and workers in the field (39%). Conversely, the plurality of the population (38%) and workers in the field (39%) are white, both percentages of which are significantly above community college desktop publishing students (14%).

Examining disaggregated data for each occupation (not shown), both Adobe applications occupations have the same percentage of Hispanic or Latino workers (38%). *Prepress technicians and workers* have the highest percentage of white workers (57%). This occupation also has lower entry-level education requirements and higher entry-level wages compared to *desktop publishers*.

Exhibit 14: Program and County Demographics by Ethnicity

Asian
- 18%
- 22%
- 17%

Black or African American
- 0%
- 2%
- 3%

Hispanic or Latino
- 58%
- 34%
- 38%

White
- 14%
- 38%
- 39%

Other Race/Ethnicity
- 3%
- 4%
- 4%

Masked or Unknown
- 8%
- 0%
- 0%

■ OC Community College Students (0614.50) ■ OC Population
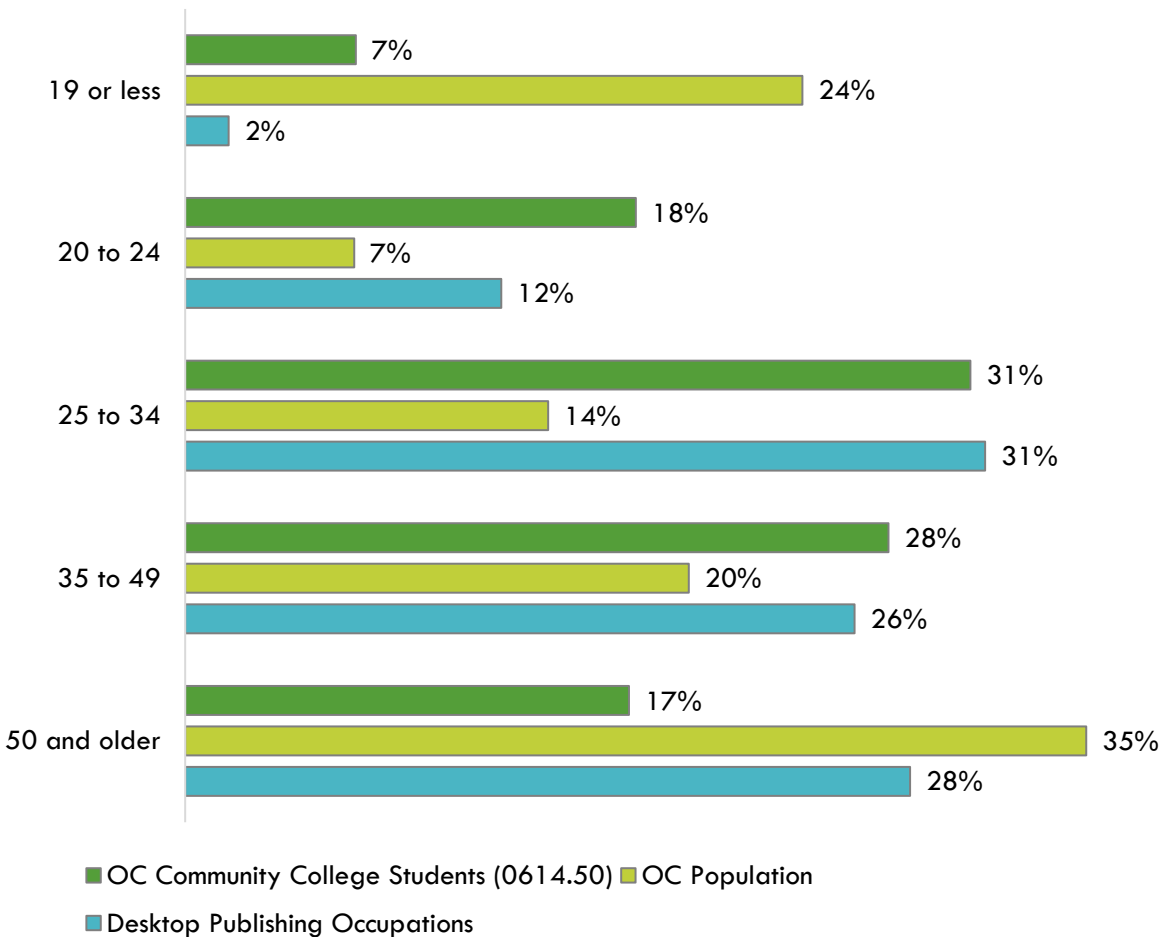■ Desktop Publishing Occupations

Age:

Exhibit 15 compares the age of Orange County community college students enrolled in desktop publishing programs, the overall Orange County population, and occupation-specific data for the two Adobe applications occupations included in this report.

Nearly 31% of workers in these Adobe applications occupations are aged 25-34, which is identical to community college desktop publishing students (31%) and significantly larger than the population (14%). Conversely, over half (54%) of workers in these Adobe applications occupations are aged 35 and older, which is near the population (55%) and modestly higher than community college desktop publishing students (46%).

Examining disaggregated data for each occupation (not shown), the occupation with the highest percentage of workers aged 25 or older is *prepress technicians and workers* (86%). This occupation also has lower entry-level education requirements and higher entry-level wages compared to *desktop publishers*.

Exhibit 15: Program and County Demographics by Age

Age	OC Community College Students (0614.50)	OC Population	Desktop Publishing Occupations
19 or less	7%	24%	2%
20 to 24	18%	7%	12%
25 to 34	31%	14%	31%
35 to 49	28%	20%	26%
50 and older	17%	35%	28%

■ OC Community College Students (0614.50) ■ OC Population
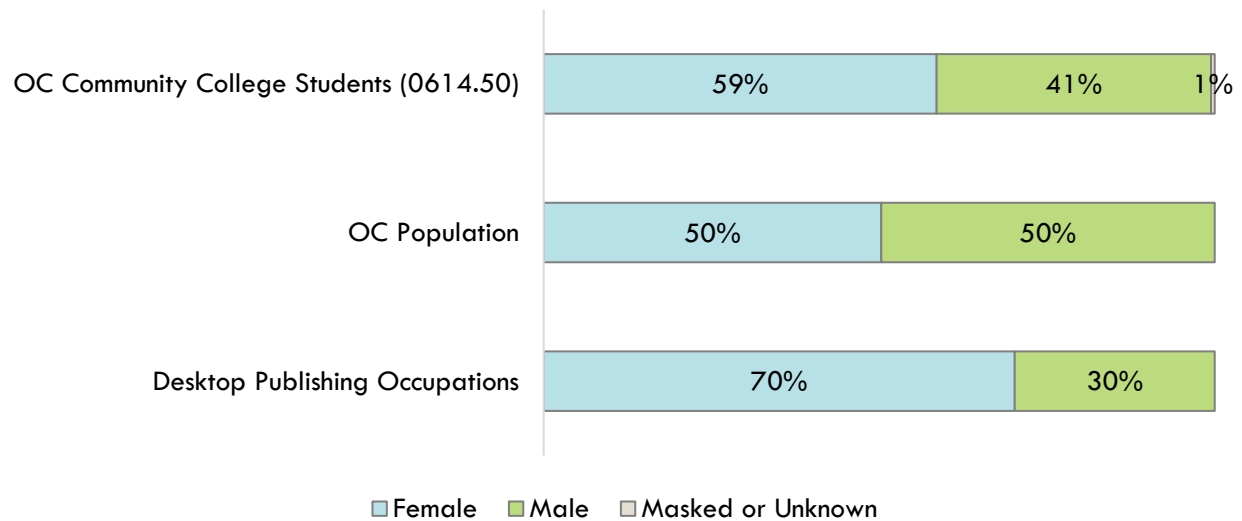■ Desktop Publishing Occupations

Sex:

Exhibit 16 compares the sex of Orange County community college students enrolled in desktop publishing programs, the overall Orange County population, and occupation-specific data for these two Adobe applications occupations.

Though the population is split evenly between women and men, 41% of community college desktop publishing students and 30% of workers in the field are men.

Examining disaggregated data for each occupation (not shown), it is important to note that one occupation, *prepress technicians and workers*, has a significantly larger percentage of men (86%) than women (14%). This occupation also has lower entry-level education requirements and higher entry-level wages compared to *desktop publishers*.

Exhibit 16: Program and County Demographics by Sex

	Female	Male	Masked or Unknown
OC Community College Students (0614.50)	59%	41%	1%
OC Population	50%	50%	
Desktop Publishing Occupations	70%	30%	

☐ Female   ☐ Male   ☐ Masked or Unknown

Appendix A: Methodology

The OC COE prepared this report by analyzing data from occupations and education programs. Occupational data is derived from Lightcast, a labor market analytics firm that consolidates data from the California Employment Development Department (EDD), U.S. Bureau of Labor Statistics (BLS) and other government agencies. Program supply data is drawn from two systems: Taxonomy of Programs (TOP) and Classification of Instructional Programs (CIP).

Using a TOP-SOC crosswalk, the OC COE identified middle-skill jobs for which programs within these TOP codes train. Middle-skill jobs include:

- All occupations that require an educational requirement of some college, associate degree or apprenticeship;
- All occupations that require a bachelor's degree, but also have more than one-third of their existing labor force with an educational attainment of some college or associate degree; or
- All occupations that require a high school diploma or equivalent or no formal education, but also require short- to long-term on-the-job training where multiple community colleges have existing programs.

The OC COE determined labor market supply for an occupation or SOC code by analyzing the number of program completers or awards in a related TOP or CIP code. The COE developed a "supply table" with this information, which is the source of the program supply data for this report. TOP code data comes from the California Community Colleges Chancellor's Office MIS Data Mart (datamart.cccco.edu) and CIP code data comes from the Integrated Postsecondary Education Data System (nces.ed.gov/ipeds/use-the-data), also known as IPEDS. TOP is a system of numerical codes used at the state level to collect and report information on California community college programs and courses throughout the state that have similar outcomes. CIP codes are a taxonomy of academic disciplines at institutions of higher education in the United States and Canada. Institutions outside of the California Community College system do not use TOP codes in their reporting systems.

Data included in this analysis represent the labor market demand for relevant positions most closely related to the proposed program as expressed by the requesting college in consultation with the OC COE. Traditional labor market information was used to show current and projected employment based on data trends, as well as annual average awards granted by regional community colleges. Real-time labor market information captures job post advertisements for occupations relevant to the field of study which can signal demand and show what employers are looking for in potential employees but is not a perfect measure of the quantity of open positions.

All representations have been produced from primary research and/or secondary review of publicly and/or privately available data and/or research reports. The most recent data available at the time of the analysis was examined; however, data sets are updated regularly and may not be consistent with previous reports. Efforts have been made to qualify and validate the accuracy of the data and findings; however, neither the Centers of Excellence for Labor Market Research (COE), COE host district, nor California Community Colleges Chancellor's Office are responsible for the applications or decisions made by individuals and/or organizations based on this study or its recommendations.

Appendix B: Data Sources

Data Type	Source
Occupational Projections, Wages, and Job Postings	Traditional labor market information data is sourced from Lightcast, a labor market analytics firm. Lightcast occupational employment data are based on final Lightcast industry data and final Lightcast staffing patterns. Wage estimates are based on Occupational Employment Statistics and the American Community Survey. For more information, see https://lightcast.io/
Living Wage	"Living Wage" measures the income necessary for an individual or family to afford basic expenses by assessing the costs such as housing, food, child care, health care, transportation, and taxes. Per the CCCCCO's this report's endorsement criteria uses the University of Washington's Center for Women's Welfare Self-Sufficiency Standard last updated in March 2024, which is $27.13 per hour ($56,451 annually) in Orange County. For more information, see: http://www.selfsufficiencystandard.org/California The MIT Living Wage, updated on February 14, 2024, is a nationally recognized living wage metric and is provided for reference. The current MIT Living Wage in Orange County is $30.48. For more information, see: https://livingwage.mit.edu/counties/06059
Typical Education and Training Requirements, and Educational Attainment	The Bureau of Labor Statistics (BLS) provides information about education and training requirements for hundreds of occupations. BLS uses a system to assign categories for entry-level education, work experience in a related occupation, and typical on-the-job training to each occupation for which BLS publishes projections data. For more information, see https://www.bls.gov/emp/documentation/education/tech.htm
Emerging Occupation Descriptions, Additional Education Requirements, and Employer Preferences	The O*NET database includes information on skills, abilities, knowledges, work activities, and interests associated with occupations. For more information, see https://www.onetonline.org/help/online/
Educational Supply	The CCCCO Data Mart provides information about students, courses, student services, outcomes and faculty and staff. For more information, see: https://datamart.cccco.edu The National Center for Education Statistics (NCES) Integrated Postsecondary Integrated Data System (IPEDS) collects data on the number of postsecondary awards earned (completions). For more information, see https://nces.ed.gov/ipeds/use-the-data/survey-components/7/completions
Student Metrics and Demographics	LaunchBoard, a statewide data system supported by the California Community Colleges Chancellor's Office and hosted by Cal-PASS Plus, provides data on progress, success, employment, and earnings outcomes for California community college students. For more information, see: https://www.calpassplus.org/LaunchBoard/Home.aspx

Data Type	Source
Population and Occupation Demographics	The Census Bureau's American Community Survey (ACS) is the premier source for detailed population and housing information. For more information, see: https://www.census.gov/programs-surveys/acs Data is sourced from IPUMS USA, a database providing access to ACS and other Census Bureau data products. For more information, see: https://usa.ipums.org/usa/about.shtml

For more information, please contact the Orange County Center of Excellence:

Jesse Crete, Ed. D., Director
crete_jesse@rsccd.edu

Diego Mosquera, Interim Research Coordinator
mosquera_diego@rsccd.edu

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