

Labor Market Analysis for Program Exploration: 1008.10/Commercial Dance (Commercial Dance)

Orange County Center of Excellence, December 2024



FOR LABOR MARKET RESEARCH

ORANGE COUNTY

Summary

Program LMI Endorsement	Endorsed: All LMI Criteria Met <input type="checkbox"/>	Endorsed: Some LMI Criteria Met <input checked="" type="checkbox"/>	Not LMI Endorsed <input type="checkbox"/>
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Program LMI Endorsement Criteria

	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Supply Gap:	<i>Comments:</i> there is projected to be 668 annual job openings throughout Los Angeles and Orange counties for these commercial dance occupations, which is more than the 91 awards conferred by educational institutions .	
Self-Sufficiency Standard Living Wage ¹ :	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	<i>Comments:</i> all annual job openings for these commercial dance occupations have entry-level hourly wages below the OC living wage of \$27.13 .	
Education:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	<i>Comments:</i> though the majority (77%) of annual job openings for these commercial dance occupations do not typically require a formal education credential, nearly 29% 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 <input type="checkbox"/>	Some <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	<i>Comments:</i> N/A		
OC Resilient Job(s):	Yes <input type="checkbox"/>	Some <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	<i>Comments:</i> See Resilient Jobs and US News & World Report Best Jobs		
U.S. News & World Report 2024 Best Jobs List ² :	Yes <input type="checkbox"/>	Some <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	<i>Comments:</i> See Resilient Jobs and US News & World Report 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 commercial dance occupations:

- Below Middle-Skill – denoted with an asterisk (*) throughout this report.
 - *Dancers (27-2031)**
- Middle-Skill
 - *Choreographers (27-2032)*

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>.

Based on the available data there appears to be a supply gap for these commercial dance occupations and typical education requirements for these occupations align with a community college education. However, all annual job openings have entry-level wages below the 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 (25 th Percentile)	Typical Entry-Level Education	Community College Educational Attainment
Dancers (27-2031)*	LA: 352 OC: 165 TTL: 516	LA: 53 OC: 38 TTL: 91	OC: \$17.97	No formal educational credential	29%
Below Middle-Skill Total	516	91	N/A	N/A	N/A
Choreographers (27-2032)	LA: 98 OC: 54 TTL: 151	Accounted for Below	OC: \$24.35	High school diploma or equivalent	29%
Middle-Skill Total	151	Accounted for Below	N/A	N/A	N/A
Total	668	91	N/A	N/A	N/A

Demand:

- The number of jobs related to these commercial dance occupations are projected to increase 8% through 2028, equating to 668 annual job openings.
- Hourly entry-level wages for these commercial dance occupations range from \$17.97 to \$24.35 in Orange County; all annual job openings have entry-level wages below the Self-Sufficiency Standard living wage.
 - It is important to note that many *dancers** and *choreographers* are considered self-employed; and have different earning dynamics than wage and salaried workers.
- There were 183 online job postings for these commercial dance occupations over the past 12 months. The highest number of postings were for hip hop dance instructors, music video directors, and dance instructors/choreographers.
- The typical entry-level education for these commercial dance occupations ranges from no formal education credential to a high school diploma or equivalent.
- Nearly 29% of workers in these occupations have completed some college or an associate degree as their highest level of educational attainment.

Supply:

- There was an average of 91 awards conferred by 16 community colleges in Los Angeles and Orange Counties from 2020 to 2023.
- Non-community college institutions conferred no related awards from 2019 to 2022.

- Orange County community college students that exited commercial dance programs in the 2020-21 academic year had a median annual wage of \$28,856 (\$13.87 per hour) after exiting the program and 29% attained the regional living wage.
- Throughout Orange County, 75% of commercial dance 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 both commercial dance occupations researched in this report from 2018 through 2028. Employment in these commercial dance occupations declined 22% in Orange County from 2019 to 2020, which is significantly higher than the 7% decline across all occupations in Los Angeles and Orange counties due to the COVID-19 pandemic.

In the two years preceding the pandemic, employment for these occupations increased in Orange County, had a substantial spike in 2022 after the pandemic, followed by a decrease through 2023. Employment for these two occupations in Orange County is projected to increase 1% through 2028, at a similar rate relative to all occupations in Los Angeles and Orange counties.

Exhibit 2: Annual Percent Change in Jobs for Commercial Dance Occupations, 2018-2028

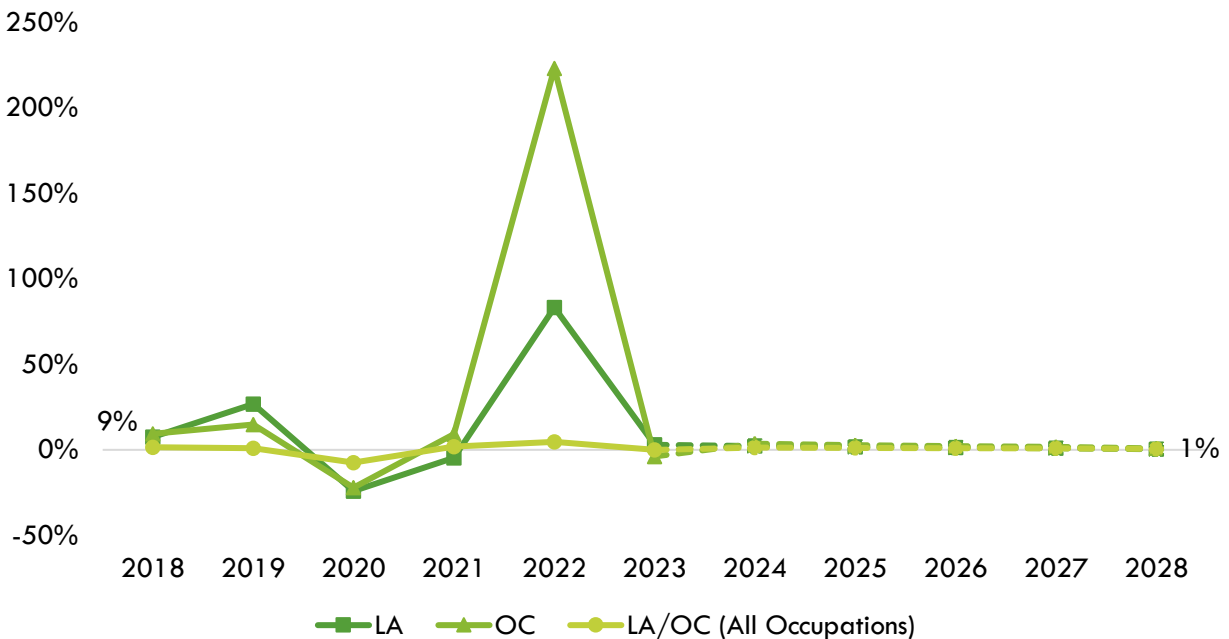


Exhibit 3 shows the five-year occupational demand projections for the below middle-skill occupation, *dancers**. In Los Angeles/Orange County, the number of jobs related to this occupation is projected to increase by 7% through 2028. There is projected to be 516 jobs available annually.

Exhibit 3: Below Middle-Skill Occupational Demand in Los Angeles and Orange Counties³

Geography	2023 Jobs	2028 Jobs	2023-2028 Change	2023-2028 % Change	Annual Openings
Los Angeles	2,033	2,151	118	6%	352
Orange	922	997	75	8%	165
Total	2,955	3,148	193	7%	516

Exhibit 4 shows the five-year occupational demand projections for the middle-skill occupation, *choreographers*. In Los Angeles/Orange County, the number of jobs related to this occupation is projected to increase by 14% through 2028. There is projected to be 151 jobs available annually.

Exhibit 4: Middle-Skill Occupational Demand in Los Angeles and Orange Counties

Geography	2023 Jobs	2028 Jobs	2023-2028 Change	2023-2028 % Change	Annual Openings
Los Angeles	542	591	50	9%	98
Orange	241	300	59	25%	54
Total	783	892	109	14%	151

Wages:

The labor market endorsement in this report considers the entry-level hourly wages for these commercial dance 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.

It is important to note that many *dancers** and *choreographers* in the Los Angeles/Orange County region are considered self-employed. Self-employed workers have different earning dynamics than wage and salaried workers, making direct comparisons difficult. Examples include deciphering what is a return to labor versus a return to capital, as well as showing possible negative earnings if expenses or investments exceed gross receipts.⁴ For these reasons, wage data appears to be significantly lower than both the living wage and minimum wage.

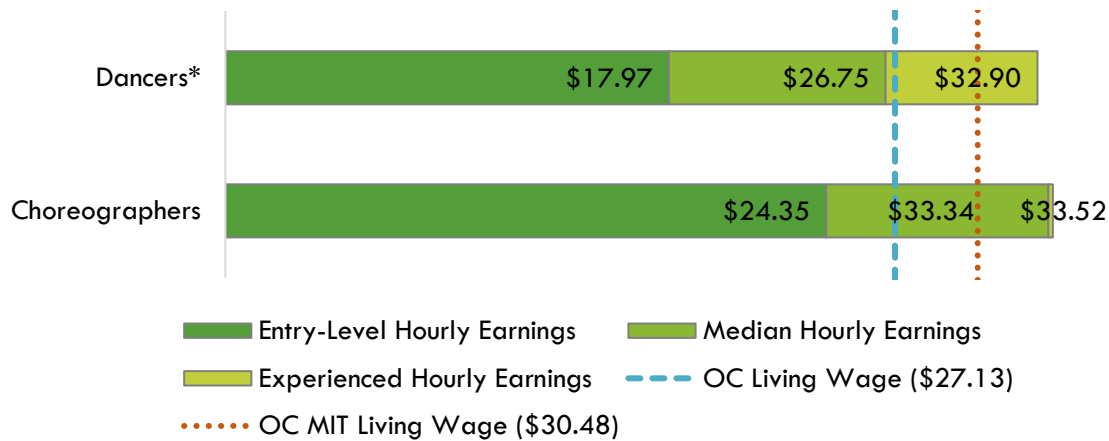
All annual openings for these commercial dance occupations have entry-level wages below the Self-Sufficiency Standard living wage for one adult (\$27.13 in Orange County). Typical entry-level hourly

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.

⁴ https://www.brookings.edu/wp-content/uploads/2019/11/201911_Brookings-Metro_low-wage-workforce_Ross-Bateman.pdf

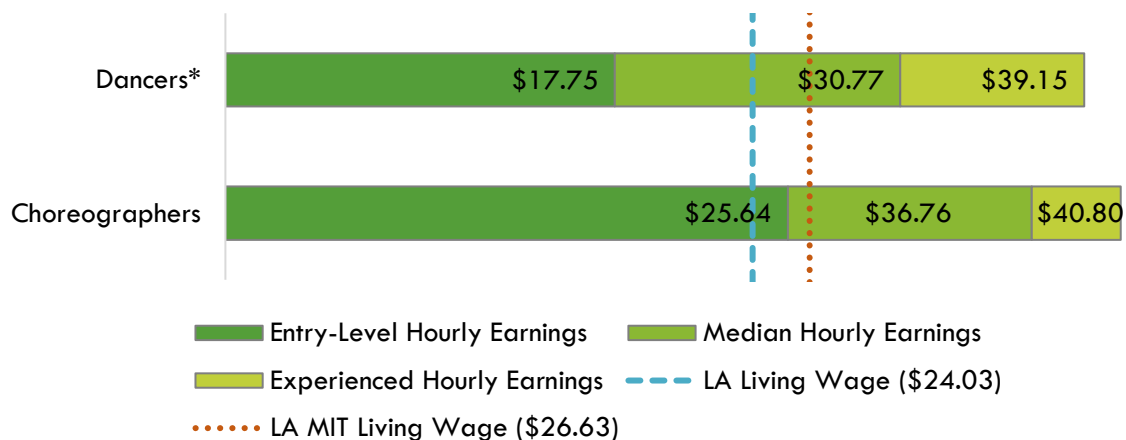
wages range between \$17.97 and \$24.35. Orange County's average wages of \$28.65 are significantly below the average statewide wage of \$33.24 for these occupations. Exhibit 5 shows the wage range for each of these commercial dance occupations in Orange County and how they compare to the regional living wage, sorted from lowest to highest entry-level wage.

Exhibit 5: Wages by Occupation in Orange County



The majority (78%) of annual openings for these commercial dance 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 \$17.75 and \$25.64. Los Angeles County's average wages of \$34.13 are above the average statewide wage of \$33.24 for these occupations. Exhibit 6 shows the wage range for each of these commercial dance occupations in Los Angeles County and how they compare to the regional living wage, sorted from lowest to highest entry-level wage.

Exhibit 6: Wages by Occupation in Los Angeles County



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

Exhibit 7 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. Only one occupation, *choreographers*, met the criteria to be considered a USN&WR Best Job. Neither of the two

commercial dance occupations is a Great Recession-Resilient Job or a COVID-19 Pandemic Recession-Resilient Job.

Exhibit 7: Resilient Jobs and USN&WR Best Jobs Designations

Occupation	Great Recession-Resilient Job	COVID-19 Pandemic Recession-Resilient Job	2024 USN&WR Best Job
Below Middle-Skill			
Dancers*	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Middle-Skill			
Choreographers	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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.⁵ 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.

There were 183 online job postings related to these commercial dance occupations listed in the past 12 months. Exhibit 8 shows the number of job postings by occupation. Over three-fourths (77%) of job postings were for dancers*.

Exhibit 8: Number of Job Postings by Occupation (n=183)

Occupation	Job Postings	Percentage of Job Postings
Dancers*	140	77%
Choreographers	43	23%
Total Postings	183	100%

The top employers for the below middle-skill occupation, dancers*, in the region, by number of job postings, are shown in Exhibit 9.

⁵ K. R. Chowdhary, Fundamentals of Artificial Intelligence (Basingstoke: Springer Nature, 2020), <https://link.springer.com/book/10.1007/978-81-322-3972-7>.

Exhibit 9: Below Middle-Skill Top Employers by Number of Job Postings (n=140)

Employer	Job Postings	Percentage of Job Postings
Musical Theatre West	4	3%
Knott's Berry Farm	3	2%
Six Flags Entertainment Corporation	3	2%
7 Kingdoms Games LLC, Delinquent November 1, 2015	2	1%
Cedar Fair	2	1%
Cedar Fair Entertainment Company	2	1%
Funky Divas & Dudes	2	1%
Six Flags Magic Mountain	2	1%
Actors Theater Series	1	1%
Arc After School & Experiential Education	1	1%

The top employers for the middle-skill occupation, *choreographers*, in the region, by number of job postings, are shown in Exhibit 10.

Exhibit 10: Top Middle-Skill Employers by Number of Job Postings (n=43)

Employer	Job Postings	Percentage of Job Postings
Dreams Come True Dance	2	5%
Long Beach Community College District	2	5%
Occidental College	2	5%
Pasadena High School	2	5%
Calvary Christian School	1	2%
City Of Refuge Ministries	1	2%
Class Act Community Playhouse	1	2%
Dance Impressions Productions	1	2%
Dance Precisions	1	2%
Ffm	1	2%

The top specialized, soft, and computer skills listed by those most frequently mentioned in job postings (denoted in parentheses) are shown for the below middle-skill occupation, *dancers**, in Exhibit 11.

Exhibit 11: Top Skills for Below Middle-Skill Occupations by Number of Job Postings (n=140)

Top Specialized Skills	Top Soft Skills	Top Computer Skills
Choreography (22)	Teaching (19)	TikTok (9)
Hip-hop Dance (22)	Communication (12)	Adobe Creative Suite (1)
Ballet (10)	Energetic (12)	Epic EMR (1)
TikTok (9)	Cleanliness (8)	Jersey (Java Framework) (1)
Working With Children (9)	Creativity (8)	
Live Streaming (8)	Customer Service (8)	
Jazz (7)	Leadership (8)	
Musical Theater (7)	Enthusiasm (7)	
Classroom Management (6)	Professionalism (5)	
Cosmetics (6)	Physical Fitness (4)	

The top specialized, soft, and computer skills listed by those most frequently mentioned in job postings (denoted in parentheses) are shown for the middle-skill occupation, *choreographers*, in Exhibit 12.

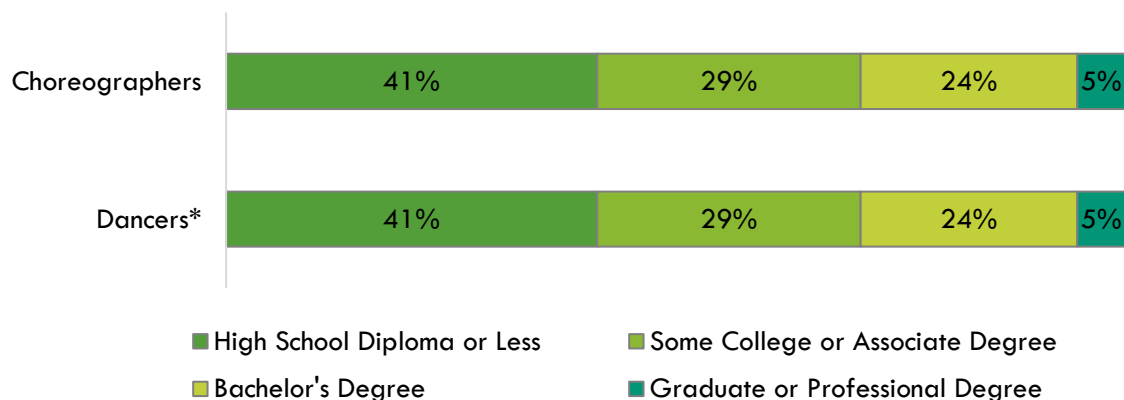
**Exhibit 12: Top Skills for Middle-Skill Occupations
by Number of Job Postings (n=43)**

Top Specialized Skills	Top Soft Skills	Top Software and Computer Skills
Choreography (21)	Teaching (26)	Adobe Acrobat (2)
Jazz (7)	Communication (12)	Microsoft Excel (2)
Ballet (6)	Interpersonal Communications (7)	Microsoft Office (2)
Working With Children (6)	Writing (6)	Microsoft PowerPoint (2)
Classroom Management (5)	Patience (5)	
Musical Theater (5)	Planning (5)	
Physical Education (4)	Enthusiasm (4)	
Educational Assessment (3)	Constructive Feedback (3)	
Kinesiology (3)	Governance (3)	
Pedagogy (3)	Time Management (3)	

Educational Attainment:

The Bureau of Labor Statistics (BLS) lists no formal education credential as the typical entry-level education for *dancers** and a high school diploma or equivalent for *choreographers*. However, the national-level educational attainment data indicates 29% of workers in each occupation have completed some college or an associate degree as their highest level of education. Exhibit 13 shows the educational attainment for each occupation.

Exhibit 13: National-level Educational Attainment for Occupations



Of the 6% of the postings for the below middle-skill occupation that listed a minimum education requirement, 63% (5) requested a high school diploma or an associate degree and 25% (2) requested a bachelor's degree.

Similarly, of the 37% of the cumulative job postings for the middle-skill occupation that listed a minimum education requirement in Los Angeles/Orange County, 50% (8) requested a high school diploma or an associate degree and 38% (6) requested a bachelor's degree.

Educational Supply

Community College Supply:

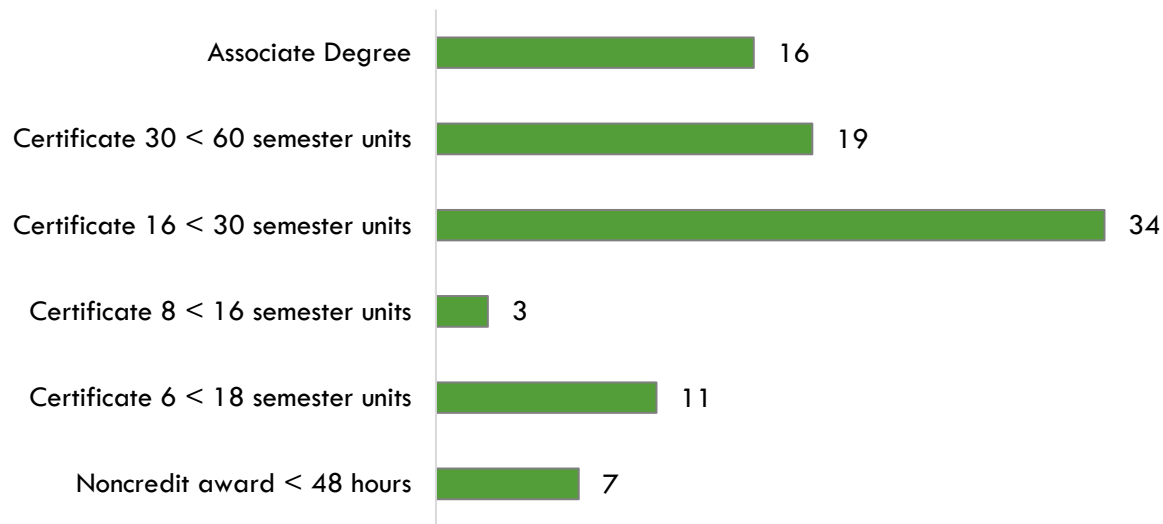
Exhibit 14 shows the three-year average number of awards conferred by community colleges in the related TOP codes: Technical Theater (1006.00) and Commercial Dance (1008.10). The colleges with the most completions in the region are East LA, Fullerton, and Santa Monica. Over the past 12 months, there were two related program recommendation requests from regional community colleges.

Exhibit 14: 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
1006.00	Technical Theatre	Citrus	7	5	2	5
		East LA	6	32	13	17
		Glendale	0	2	0	1
		LA City	2	4	7	4
		LA Pierce	7	3	0	3
		LA Valley	1	1	2	1
		Mt San Antonio	0	0	2	1
		Pasadena	2	1	0	1
		Santa Monica	6	16	8	10
		LA Subtotal	31	64	34	43
		Cypress	7	6	2	5
		Fullerton	33	0	4	12
		Irvine	4	3	1	3
		Saddleback	4	3	2	3
		Santa Ana	6	2	0	3
		OC Subtotal	54	14	9	26
Supply Subtotal/Average			85	78	43	69
1008.10	Commercial Dance	Cerritos	1	1	0	1
		Citrus	0	1	1	1
		Glendale	8	3	10	7
		Mt San Antonio	3	1	2	2
		LA Subtotal	12	6	13	10
		Irvine	4	3	1	3
		Orange Coast	10	12	7	10
		OC Subtotal	14	15	8	12
Supply Subtotal/Average			26	21	21	23
Supply Total/Average			111	99	64	91

Exhibit 15 shows the annual average community college awards by type from 2020-21 to 2022-23. The plurality of the awards are for certificates between 16 and less than 30 semester units, followed by certificates between 30 and less than 60 semester units and associate degrees.

Exhibit 15: Annual Average Community College Awards by Type, 2020-2023



Community College Student Outcomes:

Exhibit 16 shows the Strong Workforce Program (SWP) metrics for commercial dance programs in Coast Community College District (CCCD), the Orange County Region, and California. Of the 1,110 Orange County commercial dance students in the 2020-21 academic year, 60% (664) attended a CCCD college.

Additionally, CCCD students that exited commercial dance programs in the 2021-22 academic year had lower median annual earnings (\$26,106 or \$12.55 per hour) compared to all commercial dance students in Orange County (\$28,856 or \$13.87 per hour). A lower percentage of CCCD commercial dance students attained the living wage (27%) when compared to all commercial dance students in Orange County (29%).

Exhibit 16: Commercial Dance (1008.10) Strong Workforce Program Metrics, 2021-22⁶

SWP Metric	CCCD	OC Region	California
SWP Students	664	1,110	2,431
SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year	15%	13%	15%
SWP Students Who Completed a Noncredit CTE or Workforce Preparation Course	Insufficient Data	Insufficient Data	59%
SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status	12	13	20
SWP Students Who Transferred to a Four-Year Postsecondary Institution (2019-20)	73	160	259
SWP Students with a Job Closely Related to Their Field of Study (2019-20)	82%	75%	70%

⁶ All SWP metrics are for 2020-21 unless otherwise noted.

SWP Metric	CCCD	OC Region	California
Median Annual Earnings for SWP Exiting Students (2020-21)	\$26,106 (\$12.55)	\$28,856 (\$13.87)	\$28,640 (\$13.77)
Median Change in Earnings for SWP Exiting Students (2020-21)	8%	13%	27%
SWP Exiting Students Who Attained the Living Wage (2020-21)	27%	29%	32%

Non-Community College Supply:

To comprehensively analyze the regional supply, it is crucial to include data from other institutions offering commercial dance training programs. However, from 2019 to 2022, no awards were conferred by non-community college institutions in the region under the following related Classification of Instruction Programs (CIP) codes: Dance, Other (50.0399) and Theatre and Dance (50.0512).

Regional Demographics

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

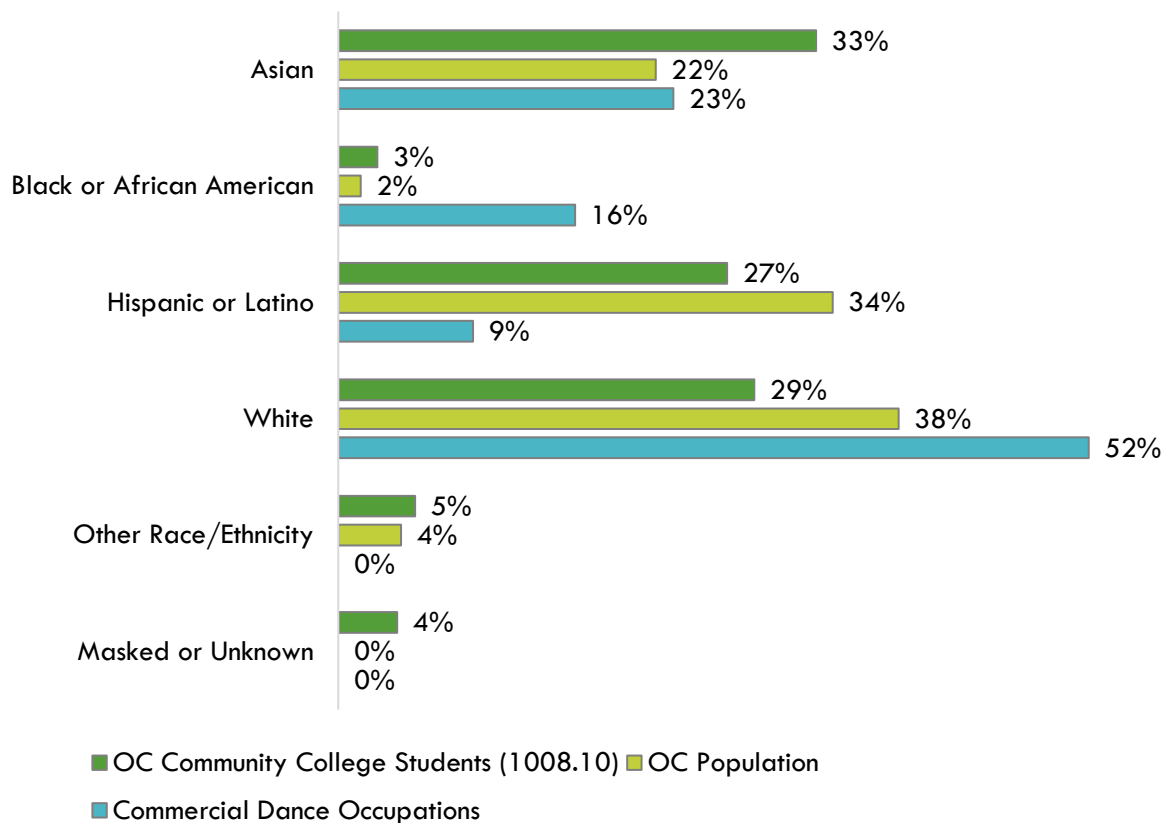
Ethnicity:

Exhibit 18 compares the ethnicity of Orange County community college students enrolled in commercial dance programs, the overall Orange County population, and occupation-specific data for the two commercial dance occupations included in this report.

About half (52%) of workers employed in these commercial dance occupations are white, which is much higher than the population (38%) and community college commercial dance students (29%). Conversely, the plurality of community college commercial dance students is Asian (33%), which is higher than workers in the field (23%) and the population (22%).

Notably, 16% of the workers in the field are Black or African American, which is higher than 3% of community college commercial dance students (3%) and the population (3%). Conversely, the population (34%) and community college commercial dance students (27%) are much higher for Hispanic or Latino individuals relative to workers in the field (9%).

Exhibit 17: Program and County Demographics by Ethnicity

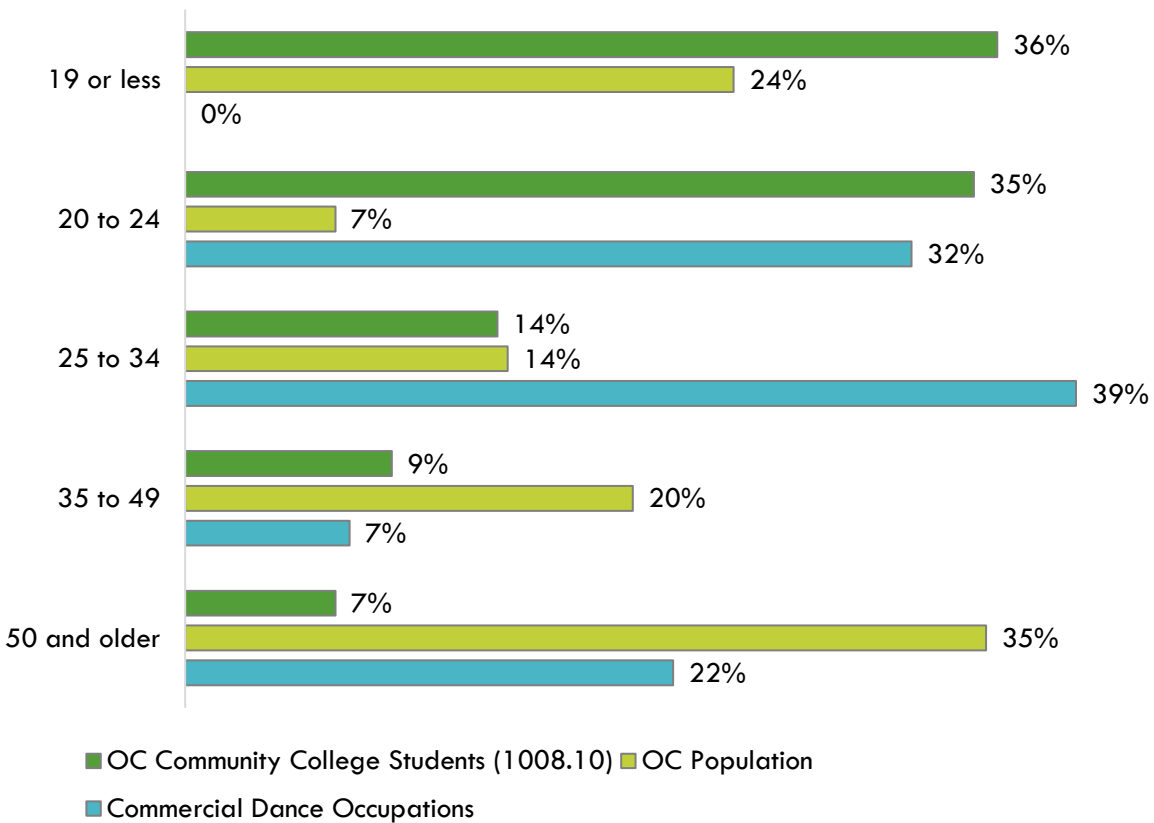


Age:

Exhibit 19 compares the age of Orange County community college students enrolled in commercial dance programs, the overall Orange County population, and occupation-specific data for the two commercial dance occupations included in this report.

Nearly 71% of workers in these commercial dance occupations are 20 to 34, which is higher than the community college commercial dance students (49%) and significantly higher than the population (21%). Conversely, though individuals 35 and older account for the majority of the population (55%), they comprise 29% of workers in the field and only 16% of community college commercial dance students. Disaggregated by age group, individuals 19 or less compose the plurality of community college commercial dance students (36%), followed closely by individuals 20 to 24 (35%), but account for 0% of workers in the field.

Exhibit 18: Program and County Demographics by Age

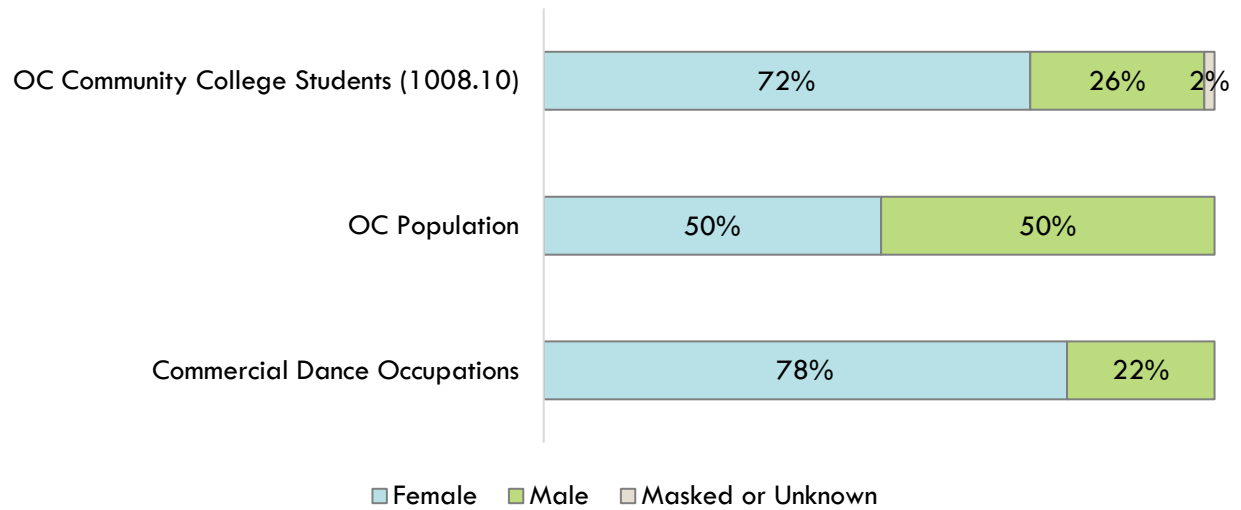


Sex:

Exhibit 20 compares the sex of Orange County community college students enrolled in commercial dance programs, the overall Orange County population, and occupation-specific data for these commercial dance occupations.

Though the population is split evenly between women and men, only 26% of community college commercial dance students and 22% of workers in the field are men.

Exhibit 19: Program and County Demographics by Sex



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	<p>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/</p>
Living Wage	<p>“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.</p> <p>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</p> <p>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</p>
Typical Education and Training Requirements, and Educational Attainment	<p>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</p>
Emerging Occupation Descriptions, Additional Education Requirements, and Employer Preferences	<p>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/</p>
Educational Supply	<p>The CCCCCO Data Mart provides information about students, courses, student services, outcomes and faculty and staff. For more information, see: https://datamart.cccco.edu</p> <p>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</p>
Student Metrics and Demographics	<p>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</p>

Data Type	Source
Population and Occupation Demographics	<p>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</p> <p>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</p>

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