Labor Market Analysis for Program Recommendation: 1225.00/Radiologic Technology/Science CIP: 51.0911/Radiologic Technology *(Advanced Clinical Practice)*

Orange County Center of Excellence, April 2026

FOR LABOR MARKET RESEARCH
ORANGE COUNTY

⚠ Endorsed: Caution Advised			
Program LMI Endorsement Criteria			
	Met ☐	Partially Met ☑	Not Met ☐
Supply Gap:	There are projected to be **418 annual job openings** throughout Los Angeles and Orange counties for *radiologic technologists and technicians*, which **is less than the 495 awards conferred by educational institutions.** However, these educational programs also prepare students for **six other related occupations, which account for 1,512 additional annual job openings**. *Because this program trains a variety of occupations with high demand, there is most likely an undersupply of labor for radiologic technologists and technicians.*		
Self-Sufficiency Standard Living Wage[1]:	Met ☑	Partially Met ☐	Not Met ☐
	The typical entry-level wage for *radiologic technologists and technicians* is **$38.00**, which is **above the OC living wage of $27.13**.		
Education:	Met ☑	Partially Met ☐	Not Met ☐
	Typical education requirement for *radiologic technologists and technicians* **is an associate degree**, and **64% of workers in the field have completed some college or an associate degree as their highest level of education.**		

Summary

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 and Orange counties regional labor market related to one middle-skill occupation:

- *Radiologic Technologists and Technicians (29-2034)*

Based on the available data, typical education requirements for this occupation align with a community college education, and the majority of annual job openings have entry-level wages above the Self-Sufficiency Standard living wage. Although the number of awards exceeds demand for *radiologic technologists and technicians*, supply is likely overstated because related educational programs train for an additional six occupations. When considering the strong demand across this occupation, it is likely the region is experiencing a supply gap. **Therefore, due to some of the regional labor market criteria being met, the COE endorses this proposed program.**

[1] 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; Orange County's living wage of $27.13, was last updated in March 2024.

Exhibit 1 lists the occupational demand, supply, typical entry-level education, and educational attainment for the middle-skill occupation 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
Radiologic Technologists and Technicians (29-2034)	LA: 308 OC: 110	LA: 297 OC: 198	OC: $38.00	Associate degree	64%
Total	**418**	**495**	**N/A**	**N/A**	**N/A**

Demand

- In Los Angeles and Orange counties, the number of jobs related to *radiologic technologists and technicians* is projected to increase 5% through 2029, equating to 418 annual job openings.
- Hourly entry-level wages for *radiologic technologists and technicians* are $38.00 in Orange County; all annual openings have entry-level wages above the Self-Sufficiency Standard living wage.
- There were 6,334 online job postings for *radiologic technologists and technicians* over the past 12 months. The highest number of postings were for travel computed tomography techs, mammography technologists, and radiology technologists.
- The typical entry-level education for *radiologic technologists and technicians* is an associate degree.
- Approximately 64% of workers in the field have completed some college or an associate degree as their highest level of educational attainment.

Supply

- Between 2021 to 2024, an average of 279 awards were conferred by 28 community colleges for this middle-skill occupation in Los Angeles and Orange counties.
- From 2020 to 2023, non-community college institutions conferred an average of 216 awards for this middle-skill occupation.
- In the 2022-23 academic year, Orange County community college students that exited radiologic technology programs had a median annual wage of $46,730 ($22.47 per hour) post-exit, and 34% attained the regional living wage.
- In 2021-22, 84% of Orange County radiologic technology students that exited their programs reported working a job closely related to their field of study.

Demand

Occupational Projections

Exhibit 2 shows the annual percentage change in jobs for *radiologic technologists and technicians* from 2019 through 2029. Between 2019 and 2020, employment levels across Los Angeles and Orange counties declined sharply due to the broader economic impacts of the COVID-19 pandemic. From 2021 to 2024, the region saw a fluctuation in employment for this

occupation—job levels experienced significant growth in 2021 (Orange County: 15%; Los Angeles :10%), remained stable for Los Angeles and grew 2% for Orange County in 2022, then grew 4% for both counties in 2023, before declining 5% in 2024. Beginning in 2025, Orange County job levels are projected to grow at a faster rate than the average for all occupations through 2029.

Exhibit 2: Annual Percentage Change in Jobs for *Radiologic Technologists and Technicians*, 2019-2029

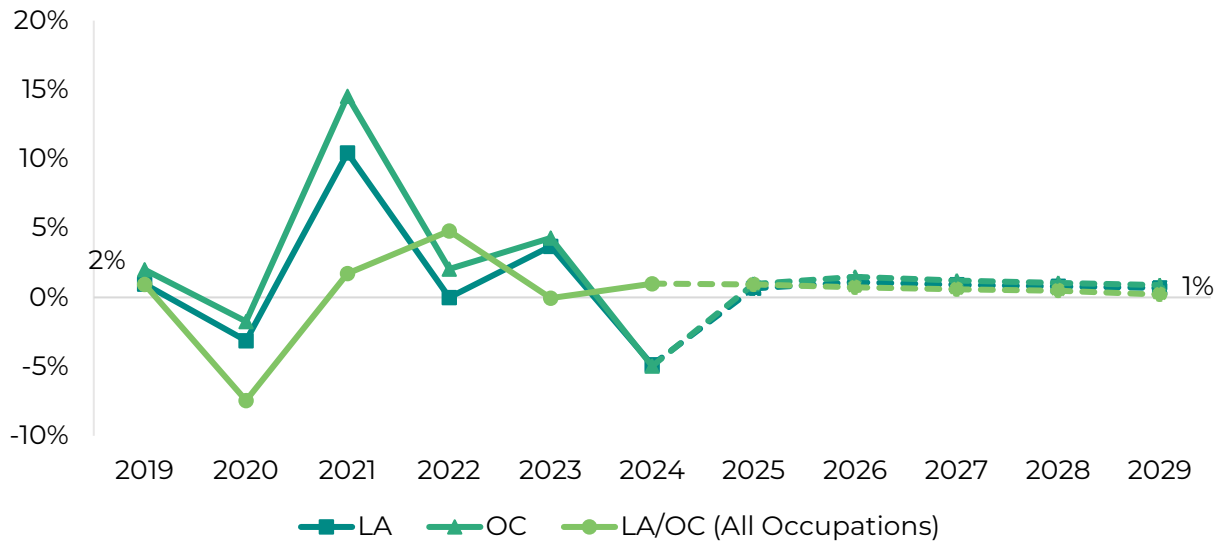


Exhibit 3 shows the five-year occupational demand projections for the middle-skill occupation *radiologic technologists and technicians*. In Los Angeles and Orange counties, the number of jobs related to this occupation is projected to increase 5% through 2029. There is projected to be 418 available annually.

Exhibit 3: Middle-Skill Occupational Demand in Los Angeles and Orange Counties[2]

Geography	2024 Jobs	2029 Jobs	2024-2029 Change	2024-2029 % Change	Annual Openings
Los Angeles	5,096	5,310	215	4%	308
Orange	1,730	1,829	99	6%	110
Total	**6,826**	**7,140**	**314**	**5%**	**418**

Wages

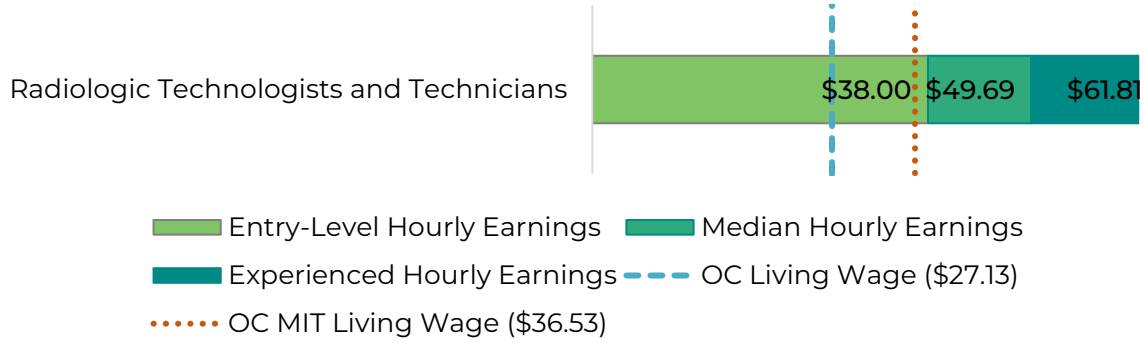
The labor market endorsement in this report considers the entry-level hourly wages for *radiologic technologists and technicians* in Orange County as they relate to the county's living wage. Los Angeles County wages are included below to provide a complete analysis of the LA/OC region.

In addition to the Self Sufficiency Standard living wage, data for the MIT Living Wage (updated on February 15, 2026) is provided as a reference. Currently, the MIT Living Wage in Orange County is $36.53. Both figures account for geographic-specific costs of necessities such as housing, food, health care, and transportation to assess the cost of living, and are notated in the exhibits below.

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

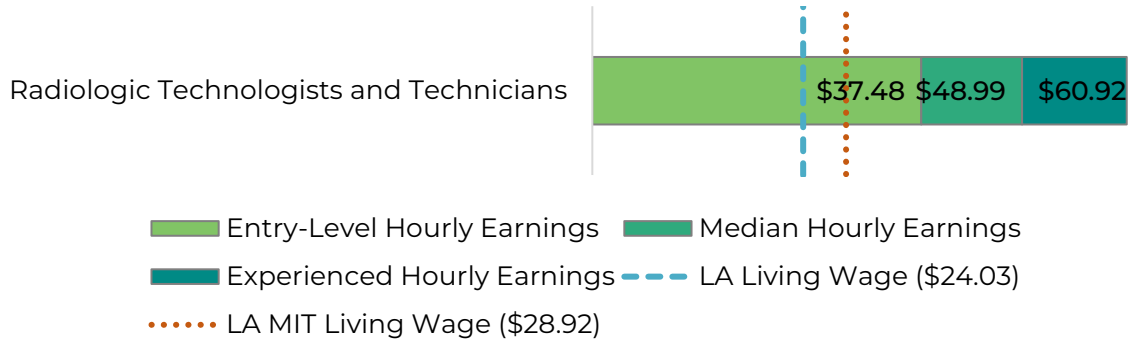
In Orange County, the typical entry-level wage for *radiologic technologists and technicians* is $38.00, which is above the Self-Sufficiency living wage of $27.13 for a single adult. Exhibit 4 shows the wage range for *radiologic technologists and technicians* in Orange County and how it compares to the regional living wage.

Exhibit 4: Wages by Occupation in Orange County



In Los Angeles County, the typical entry-level wage for *radiologic technologists and technicians* is $37.48, which is above the Self-Sufficiency living wage of $24.03 for a single adult. Exhibit 5 shows the wage range for *radiologic technologists and technicians* in Los Angeles County and how it compares to the regional living wage.

Exhibit 5: Wages by Occupation in Los Angeles County



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 2025 U.S. News & World Report (USN&WR) Best Job[3]. *Radiologic technologists and technicians* met the criteria to be designated as a COVID-19 Pandemic Recession-Resilient Job and a 2025 USN&WR Best Job.

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

Occupation	Great Recession-Resilient Job	COVID-19 Pandemic Recession-Resilient Job	2025 USN&WR Best Job
Radiologic Technologists and Technicians	☐	☑	☑

[3] "100 Best Jobs," U.S. News & World Report, accessed January 28, 2025, https://money.usnews.com/careers/best-jobs/rankings/the-100-best-jobs.

Job Postings

Important Job Postings Data Note: *There are limitations when analyzing job postings. A single job posting may not represent a single job opening for a variety of reasons.*

There were 4,823 online job postings related to *radiologic technologists and technicians* listed in the past 12 months. Exhibit 7 shows the number of job postings by occupation.

Exhibit 7: Number of Job Postings by Occupation (n=6,334)

Occupation	Job Postings	Percentage of Job Postings
Radiologic Technologists and Technicians	6,334	100%
Total Postings	**6,334**	**100%**

The top job titles for *radiologic technologists and technicians* in the region, by number of job postings, are shown in Exhibit 8.

Exhibit 8: Top Job Titles by Number of Job Postings for the Middle-Skill Occupation (n=6,334)

Job Titles	Job Postings	Percentage
Travel Computed Tomography Techs	638	10%
Mammography Technologists	622	10%
Radiology Technologists	580	9%
Computed Tomography Technologists	545	9%
Travel Interventional Radiology Technologists	447	7%
Mammography Technicians	276	4%
Radiologic Technologists	271	4%
Radiology CT Technologists	269	4%
X-Ray Technicians	266	4%
Travel Radiology Technicians	197	3%

The top employers for *radiologic technologists and technicians* in the region, by number of job postings, are shown in Exhibit 9.

Exhibit 9: Top Employers by Number of Job Postings for the Middle-Skill Occupation (n=6,334)

Employer	Job Postings	Percentage of Job Postings
Providence	384	6%
Vetted Health	172	3%
Aya Healthcare	146	2%
RadNet	142	2%
Adventist Health	139	2%
Cedars-Sinai	135	2%
Fusion Medical Staffing	114	2%
University of California	110	2%
Simonmed Imaging	106	2%
MedPro Healthcare Staffing	100	2%

The top specialized, soft, and computer skills for *radiologic technologists and technicians* listed by those most frequently mentioned in job postings (denoted in parentheses) are shown in Exhibit 10.

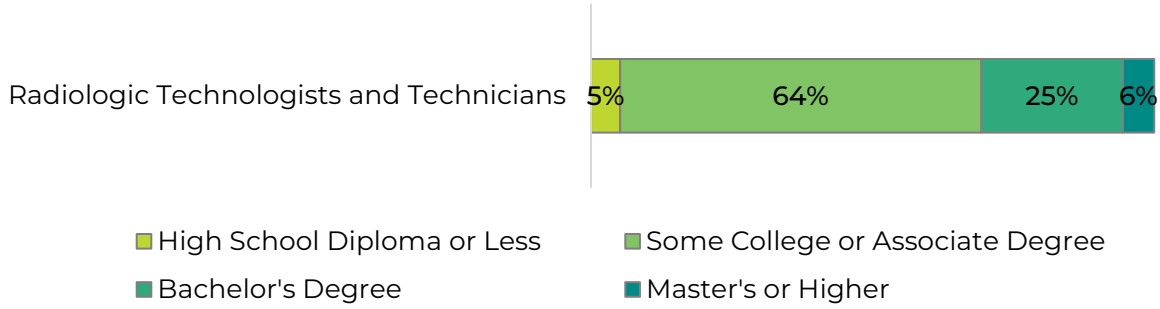
Exhibit 10: Top Skills by Number of Job Postings for the Middle-Skill Occupation (n=6,334)

Top Specialized Skills	Top Soft Skills	Top Computer Skills
Radiology (4,227)	Communication (1,049)	R (Programming Language) (262)
Radiography (1,628)	Customer Service (504)	Epic EMR (164)
Fluoroscopy (1,363)	Interpersonal Communications (476)	Audiogram (55)
X-Ray Computed Tomography (1,217)	Quality Control (468)	Microsoft Excel (55)
Mammography (1,189)	Professionalism (399)	Microsoft Office (52)
Radiation Protection (929)	Management (391)	Microsoft Outlook (48)
Patient Positioning (795)	Quality Assurance (379)	Microsoft Word (22)
Medical Imaging (641)	Compassion (371)	MEDITECH EHR (16)
Patient Safety (632)	Scheduling (362)	eClinicalWorks (ECW) (14)
Interventional Radiology (610)	Clerical Works (340)	Inventory Management System (9)

Educational Attainment

The Bureau of Labor Statistics (BLS) lists associate degree as the typical entry-level education for *radiologic technologists and technicians*. The national-level educational attainment data indicates that 64% of workers in the field have completed some college or an associate degree as their highest level of education. Exhibit 11 shows the educational attainment for this occupation.

Exhibit 11: National-level Educational Attainment for Occupations



Requested Minimum Education Requirement

In Los Angeles and Orange Counties, 20% (1,250) of job postings for *radiologic technologists and technicians* included a stated minimum education requirement:

- 88% (1,094) requested a high school diploma or associate degree.
- 9% (107) requested a bachelor's degree.

Educational Supply

The following supply tables display the total supply for *radiologic technologists and technicians* that align with these TOP and CIP codes and program needs.

Community College Supply

Exhibit 12 shows the three-year average number of awards conferred by community colleges in the related TOP code: Radiologic Technology (1225.00). No awards were conferred for the following TOP code: Radiation Therapy Technician (1226.00).

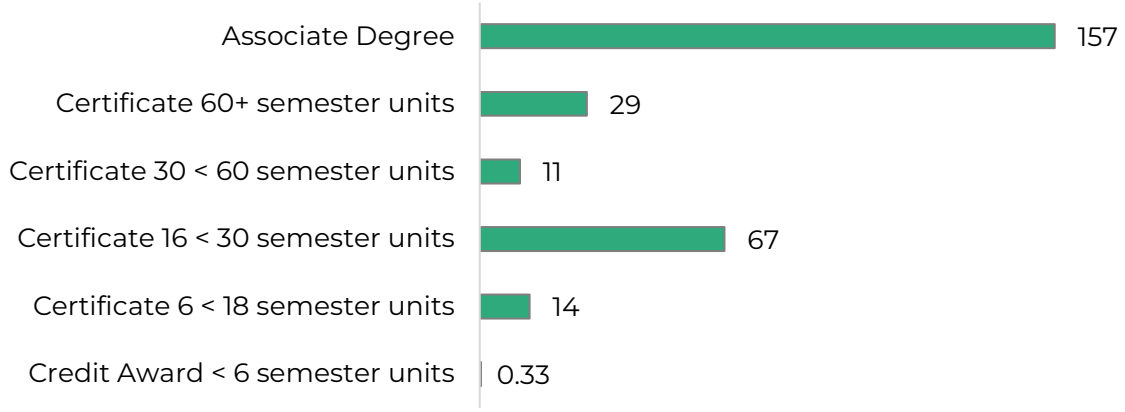
The colleges with the most completions in the region are Cypress (79), followed by Orange Coast (50), and Mt San Antonio (44). Over the past 12 months, there were no other related program recommendation requests from regional community colleges.

Exhibit 12: Regional Community College Awards (Certificates and Degrees), 2021-2024

TOP Code	Program	College	2021-2022 Awards	2022-2023 Awards	2023-2024 Awards	3-Year Award Average
1225.00	Radiologic Technology	El Camino	19	23	17	20
		LA City	20	12	19	17
		Long Beach	45	48	33	42
		Mt San Antonio	51	43	38	44
		Pasadena	13	45	23	27
		LA Subtotal	**148**	**171**	**130**	**150**
		Cypress	84	75	78	79
		Orange Coast	1	39	110	50
		OC Subtotal	**85**	**114**	**188**	**129**
		Supply Subtotal/Average	**233**	**285**	**318**	**279**
		Supply Total/Average	**233**	**285**	**318**	**279**

Exhibit 13 shows the annual average community college awards by type from 2021-22 to 2023-24. The plurality of the awards are for associate degrees and certificates between 16 to 30 semester units.

Exhibit 13: Annual Average Community College Awards by Type, 2021-2024



Community College Student Outcomes

Exhibit 14 shows the Strong Workforce Program (SWP) metrics for radiologic technology programs in the Coast Community College District (CCCD), the Orange County Region, and California. Of the 1,185 radiologic technology students in the 2023-2024 academic year, 19% (224) attended a CCCD college.

CCCD students that exited radiologic technology programs in the 2022-2023 academic year had higher median annual earnings ($51,644 or $24.83 per hour) compared to all radiologic technology students in Orange County ($46,730 or $22.47 per hour). Additionally, a higher percentage of CCCD radiologic technology students attained the living wage (45%) when compared to all radiologic technology students in Orange County (34%).

Exhibit 14: Radiologic Technology (1225.00) Strong Workforce Program Metrics, 2021-24[4]

SWP Metric	CCCD	OC Region	California
SWP Students	224	1,185	4,015
SWP Students Who Earned 9 or More Career Education Units in the District in a Single Year	30%	37%	41%
SWP Students Who Completed a Noncredit CTE or Workforce Preparation Course	Insufficient Data	Insufficient Data	38%
SWP Students Who Earned a Degree or Certificate or Attained Apprenticeship Journey Status	86	156	560
SWP Students Who Transferred to a Four-Year Postsecondary Institution (2022-23)	Insufficient Data	15	47
SWP Students with a Job Closely Related to Their Field of Study (2021-22)	Insufficient Data	84%	83%
Median Annual Earnings for SWP Exiting Students (2022-23)	$51,644 ($24.83)	$46,730 ($22.47)	$59,612 ($28.66)
Median Change in Earnings for SWP Exiting Students (2022-23)	59%	59%	60%
SWP Exiting Students Who Attained the Living Wage (2022-23)	45%	34%	55%

Non-Community College Supply

To comprehensively analyze the regional supply, it is crucial to include data from other institutions offering radiologic technology programs. Exhibit 15 displays the annual and three-year average awards granted by these institutions under the related Classification of Instructional Programs (CIP) codes:

- Medical Radiologic Technology/Science - Radiation Therapist (51.0907)
- Radiologic Technology/Science - Radiographer (51.0911

The available data covers 2020 to 2023. During this period, non-community college institutions in the region conferred an average of 216 awards annually in related programs.

Exhibit 15: Regional Non-Community College Awards, 2020-2023

CIP Code	Program	College	2020-2021 Awards	2021-2022 Awards	2022-2023 Awards	3-Year Award Average
51.0907	Medical Radiologic Technology/Science - Radiation Therapist	Smith Chason College	68	0	0	23
		Supply Subtotal/Average	**68**	**0**	**0**	**23**

[4] All SWP metrics are for 2023-24 unless otherwise noted.

CIP Code	Program	College	2020-2021 Awards	2021-2022 Awards	2022-2023 Awards	3-Year Award Average
51.0911	Radiologic Technology/Science - Radiographer	American Career College-Los Angeles	35	35	27	32
		California State University-Dominguez Hills	0	14	8	7
		California State University-Northridge	21	23	21	22
		Career Care Institute	42	31	31	35
		Casa Loma College-Los Angeles	0	0	0	0
		Charles R Drew University of Medicine and Science	33	22	32	29
		American Career College-Anaheim	0	0	41	14
		Modern Technology School	43	61	61	55
Supply Subtotal/Average			**174**	**186**	**221**	**194**
Supply Total/Average			**242**	**186**	**221**	**216**

Regional Demographics

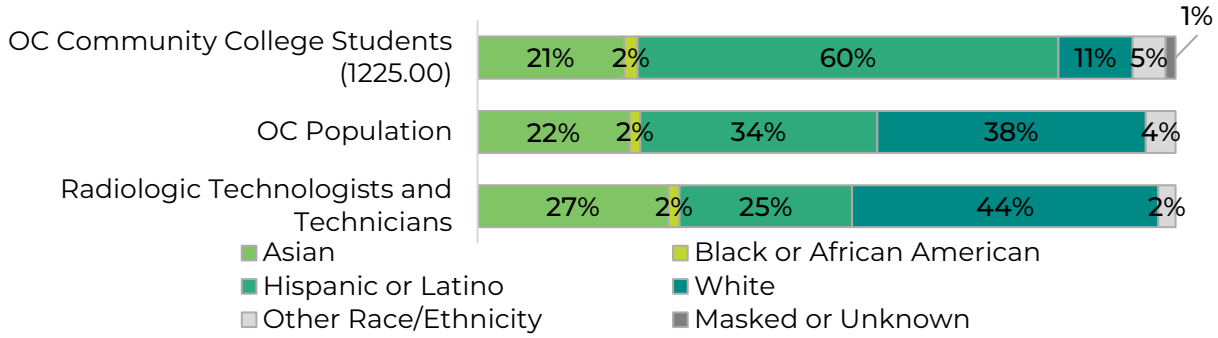
The following section presents occupational, community college program, and population demographic data for Orange County. This comparison can help identify possible equity gaps between the local workforce and the student pipeline who are preparing for this occupation. These insights can inform program development, outreach, and support strategies to better align community college programs with current labor market needs.

Ethnicity

Exhibit 16 compares the ethnicity of Orange County community college students enrolled in radiologic technology programs, the overall Orange County population, and occupation-specific data for *radiologic technologists and technicians* included in this report.

Radiologic technologists and technicians are largely comprised of white individuals (44%), followed by Asian (27%) and Hispanic or Latino individuals (25%). However, three-fifths (60%) of radiologic technology students are Hispanic or Latino and only 11% are white, indicating discrepancies in the training-to-career pipeline, where Hispanic or Latino students are not transitioning into the professional workforce at the same rate as their peers.

Exhibit 16: Program and County Demographics by Ethnicity

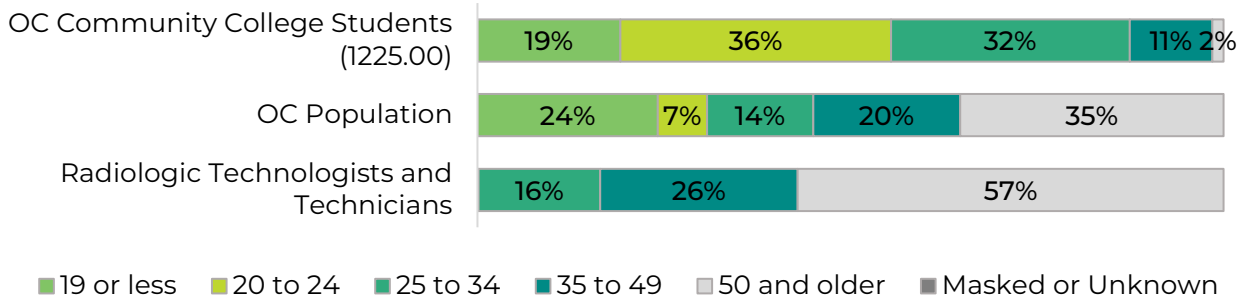


Age

Exhibit 17 compares the age of Orange County community college students enrolled in Radiologic technology programs, the overall Orange County population, and occupation-specific data for *radiologic technologists and technicians*.

All (100%) of *radiologic technologists and technicians* are 25 and older, with over half (57%) being 50 or older. Comparatively, radiologic technology students are primarily 34 and younger (87%) with over half (55%) being 24 or younger. This suggests the field may attract mid-career individuals or require some level of prior training and experience for entry, and that the field may be a lucrative career switch for those with years of experience.

Exhibit 17: Program and County Demographics by Age

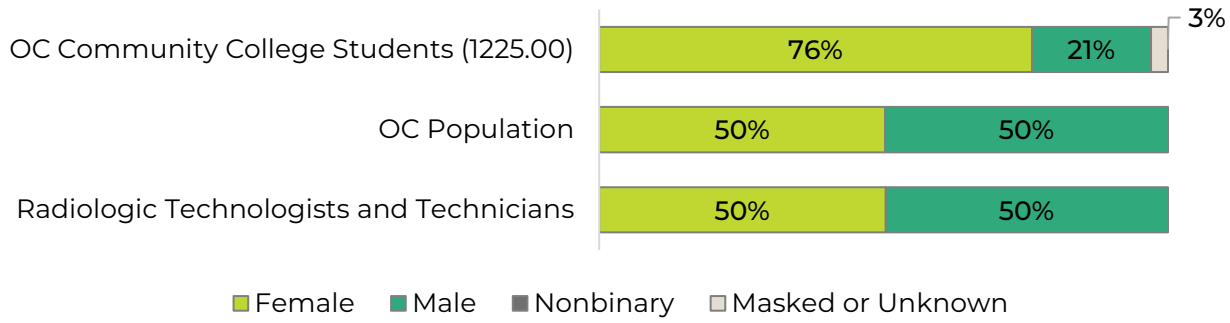


Sex

Exhibit 18 compares the sex of Orange County community college students enrolled in radiologic technology programs, the overall Orange County population, and occupation-specific data for *radiologic technologists and technicians*.

While only 21% radiologic student program enrollments are men, *radiologic technologists and technicians* are equally 50% women and 50% men. Thus, despite gender disparities in program enrollments for health-related fields, the workforce is more equally distributed.

Exhibit 18: Program and County Demographics by Sex



Appendix A: Methodology

OC COE prepared this report by analyzing occupational and educational program data. Occupational data comes from Lightcast, a labor market analytics firm which compiles information from the California Employment Development Department (EDD), U.S. Bureau of Labor Statistics (BLS), and other agencies. Analysis of emerging occupations is predicated on online job postings data combined with Occupational Information Network (O*NET) profile descriptions. Program supply data was sourced from the California Community Colleges Chancellor's Office Data Mart (MIS Data Mart) (datamart.cccco.edu) and the Integrated Postsecondary Education Data System (nces.ed.gov/ipeds/use-the-data), also known as IPEDS, which was integrated into the COE's Supply Table. (IPEDS).

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 have 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 each occupation (SOC code) by analyzing the number of 3-year average program completers or awards in related TOP and CIP codes. TOP code data comes from MIS Data Mart and CIP code data comes from the IPEDS. The 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 throughout the United States and Canada. The California Community Colleges are the only system that use TOP codes.

The analysis reflects labor market demand for occupations closely related to the proposed program as expressed by the requesting college in consultation with the OC COE. assess current and projected employment based on data trends for detailed occupations, as well as annual average awards granted by regional postsecondary educational institutions. Real-time labor market information (online job postings) assesses employer preferences but cannot be used to measure the quantity of open positions, number of jobs, or annual openings.

All findings are based on the most current available data and a combination of primary and secondary sources. While care was taken to ensure accuracy, the OC COE, its host district, and the California Community Colleges Chancellor's Office are not responsible for individual decisions made based on this report.

Appendix B: Data Sources

Data Type	Source
Occupational Projections, Wages, and Job Postings	Traditional and real-time labor market information are captured using data from Lightcast (v.2026.1), a labor market analytics firm.
Living Wage	Per the CCCCO'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 ($57,294 annually) in Orange County. The MIT Living Wage, updated on February 15, 2026, is a nationally recognized living wage metric and is provided for reference. The current MIT Living Wage in Orange County is $36.53.
Typical Education and Training Requirements, and Educational Attainment	The Bureau of Labor Statistics (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.
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.
Educational Supply	The CCCCO Data Mart provides information about students, courses, student services, outcomes and faculty and staff. The National Center for Education Statistics (NCES) Integrated Postsecondary Integrated Data System (IPEDS) collects data on the number of postsecondary awards earned (completions).
Student Metrics and Demographics	Data Vista (v.2.0), a statewide data system supported by the California Community Colleges Chancellor's Office provides data on progress, success, employment, and earnings outcomes for California community college students.
Population and Occupation Demographics	The Census Bureau's American Community Survey (ACS) is the premier source for detailed population and housing information. Data is sourced from IPUMS USA, a database providing access to ACS and other Census Bureau data products.

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