Los Angeles Subregional Profiles Project: SUMMARY REPORT

Key Labor Market and Community College Findings

FALL 2024

A report prepared by the
Los Angeles Center of Excellence

LARC LOS ANGELES REGIONAL CONSORTIUM
#19STRONG. Community and colleges transforming futures.

COE FOR LABOR MARKET RESEARCH
LOS ANGELES

POWERED BY
California Community Colleges

LOS ANGELES COUNTY
BY THE NUMBERS

9.7M

POPULATION

3.3M

HOUSEHOLDS

$80,952

MEDIAN HOUSEHOLD INCOME

$37,855
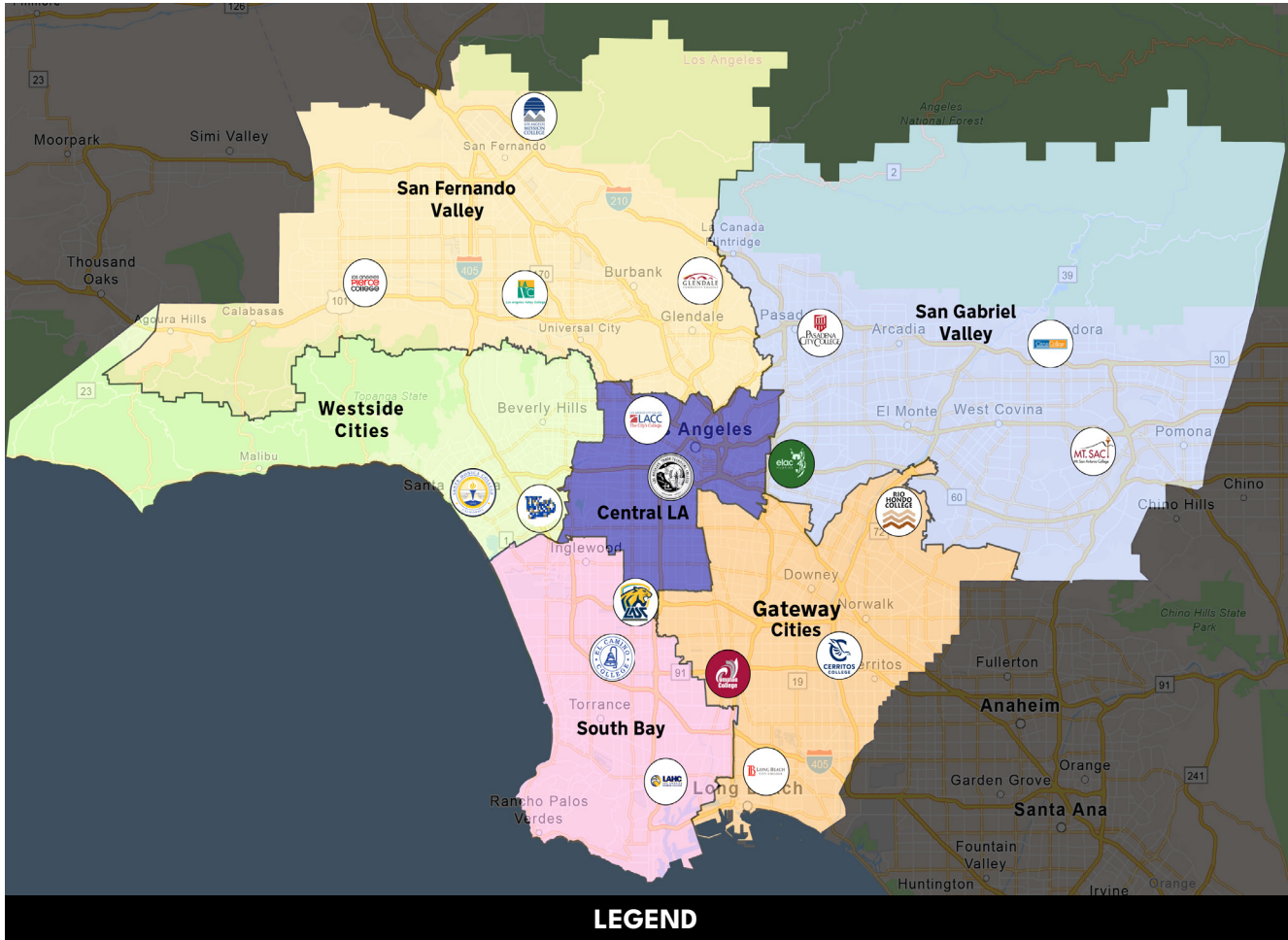
PER CAPITA INCOME

5%

2023 UNEMPLOYMENT RATE

5.2M

TOTAL JOBS IN 2022

9.8%

10-YEAR PROJECTED JOB GROWTH

MAP OF THE SIX SUBREGIONS AND THE 19 COMMUNITY COLLEGES IN LOS ANGELES COUNTY

LEGEND

COMMUNITY COLLEGES

- Cerritos
- Citrus
- Compton
- East Los Angeles
- El Camino
- Glendale
- Long Beach City
- Los Angeles City
- Los Angeles Harbor
- Los Angeles Mission
- Los Angeles Pierce
- Los Angeles Southwest
- Los Angeles Trade–Technical
- Los Angeles Valley
- Mt. San Antonio
- Pasadena City
- Rio Hondo
- Santa Monica
- West Los Angeles

SUBREGIONS OF LOS ANGELES

- *Central LA*
- *Gateway Cities*
- *San Gabriel Valley*
- *San Fernando Valley*
- *South Bay*
- *Westside Cities*

Summary of Map: The map of the Community Colleges of the Los Angeles Basin is a visual representation that highlights the educational network of community colleges in the greater Los Angeles area. This map serves as a valuable resource for students, educators, and the community to easily identify and locate the various community colleges situated throughout the region. The map offers a comprehensive overview of the educational landscape, promoting informed decisions for students and contributing to the growth and accessibility of higher education throughout the diverse neighborhoods of Los Angeles.

Map creators: Jason Polanco & The Los Angeles Region Center of Excellence for Labor Market Research

INTRODUCTION

To support California Community Colleges with collaborative efforts to update and enhance career education (CE) program offerings, the Los Angeles Center of Excellence (COE) created six subregional profiles analyzing demographic, labor market, and postsecondary supply data. This report summarizes key findings from those profiles.

Each subregional profile was created to:

- Identify labor market opportunities unique to each subregion
- Facilitate alignment between labor market needs and CE training
- Inform strategic planning efforts and investments by local community colleges
- Support the annual updating process of the Strong Workforce Program (SWP) Regional Plan

IN THE SUBREGIONAL PROFILES

- **Population demographics**
- **Labor market demand**
- **Community college profiles**
- **Subregional maps showing**
  - **Population concentration**
  - **Household income**
  - **Educational attainment**
  - **Employment concentration**

SWP is an initiative designed to expand CE programs offered by the community colleges to supply a skilled workforce to California's employers. The Los Angeles Regional Consortium is charged with coordinating the planning and implementation of CE programs among the 19 community colleges in Los Angeles County. This project was supported by funding through the Los Angeles Regional Consortium and powered by the California Community Colleges Chancellor's Office, Economic and Workforce Development Program.
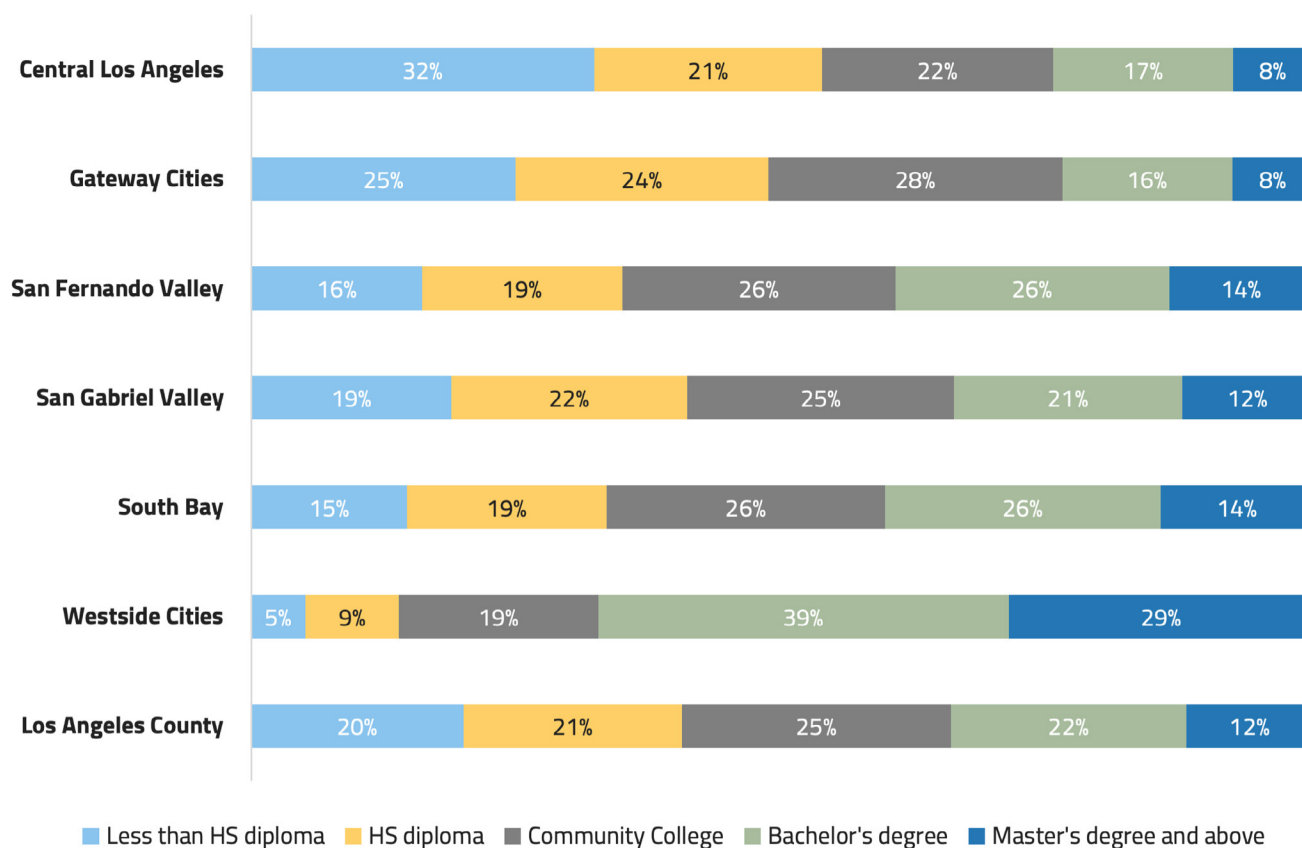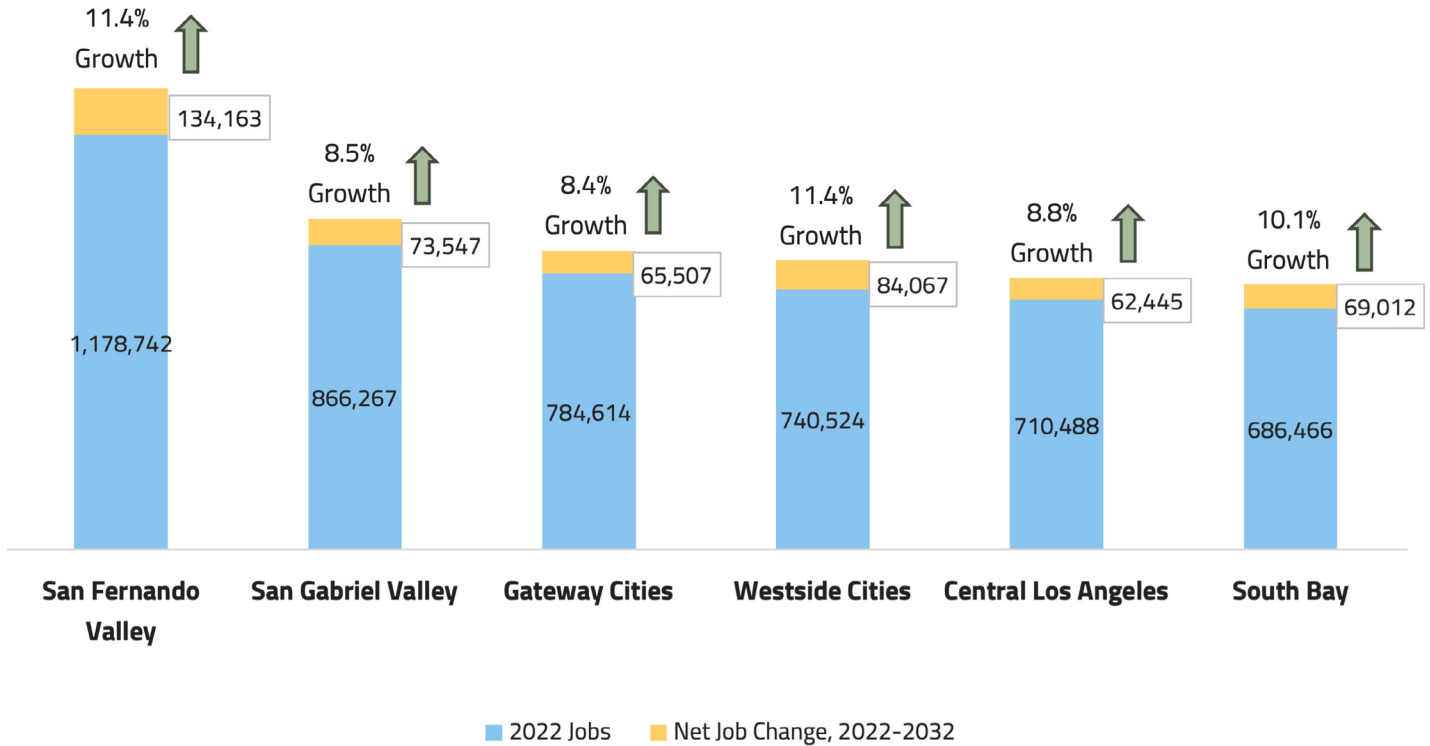
COMPARISON BY SUBREGION

	CENTRAL LOS ANGELES	GATEWAY CITIES	SAN FERNANDO VALLEY	SAN GABRIEL VALLEY	SOUTH BAY	WESTSIDE CITIES
POPULATION	1,550,916	1,814,517	2,026,021	1,879,496	1,100,422	672,503
HOUSEHOLDS	525,990	555,172	740,109	583,967	390,825	330,795
MEDIAN HOUSEHOLD INCOME	$51,661	$74,044	$83,165	$85,978	$94,908	$104,908
PER CAPITA INCOME	$25,935	$28,662	$41,440	$35,408	$44,795	$78,530
2023 UNEMPLOYMENT RATE	5.3%	4.8%	5.5%	4.6%	4.3%	5.2%

EDUCATIONAL ATTAINMENT LEVELS BY SUBREGION AND LOS ANGELES COUNTY IN 2022

Examining educational attainment levels can illuminate where programs supporting student advancement to community college or four-year postsecondary institutions are needed most. The Central Los Angeles subregion has the greatest percentage, 53%, of residents over the age of 25 with a high school diploma or less. By comparison, the Westside Cities subregion has the greatest percentage, 68%, of residents with a bachelor's degree or higher. In the county, as whole, 41% of the population has a high school diploma or less and 34% has a bachelor's degree or higher.

	Less than HS diploma	HS diploma	Community College	Bachelor's degree	Master's degree and above
Central Los Angeles	32%	21%	22%	17%	8%
Gateway Cities	25%	24%	28%	16%	8%
San Fernando Valley	16%	19%	26%	26%	14%
San Gabriel Valley	19%	22%	25%	21%	12%
South Bay	15%	19%	26%	26%	14%
Westside Cities	5%	9%	19%	39%	29%
Los Angeles County	20%	21%	25%	22%	12%

Legend: ■ Less than HS diploma ■ HS diploma ■ Community College ■ Bachelor's degree ■ Master's degree and above

TOTAL JOBS AND PROJECTED GROWTH BY SUBREGION

11.4% Growth — 134,163 — 1,178,742 — **San Fernando Valley**

8.5% Growth — 73,547 — 866,267 — **San Gabriel Valley**

8.4% Growth — 65,507 — 784,614 — **Gateway Cities**

11.4% Growth — 84,067 — 740,524 — **Westside Cities**

8.8% Growth — 62,445 — 710,488 — **Central Los Angeles**

10.1% Growth — 69,012 — 686,466 — **South Bay**

■ 2022 Jobs   ■ Net Job Change, 2022-2032

HIGHLY CONCENTRATED INDUSTRIES PROJECTED TO ADD THE MOST JOBS

Across all subregions in Los Angeles County, the health care and social assistance industry is projected to add the greatest number of jobs, nearly 210,200, through 2032. However, this finding does not account for the unique characteristics of each subregion which can influence the number of jobs in dominant industries.

Using location quotients, the COE analyzed job growth for highly concentrated industries in each subregion. A location quotient (LQ) compares how concentrated an industry is compared to the nation. A high LQ, above 1.0, indicates a subregion's industry is unique or specialized in comparison to the national average.

SUBREGION	INDUSTRY SECTOR	LOCATION QUOTIENT	2022-2032 CHANGE IN JOBS	PERCENT GROWTH
Central Los Angeles	Educational Services	2.68	+4,426	10%
Gateway Cities	Wholesale Trade	1.74	+5,838	10%
San Fernando Valley	Arts, Entertainment, and Recreation	1.88	+7,903	20%
San Gabriel Valley	Educational Services	1.90	+2,817	7%
South Bay	Transportation and Warehousing	2.91	+7,437	9%
Westside Cities	Arts, Entertainment, and Recreation	3.80	+10,084	21%

JOBS WITH A BRIGHT FUTURE

The COE identified the top middle-skill occupations that are in-demand (by most annual openings) and offer relatively high median wages (>$25/hour) in the county. Middle-skill jobs typically require more education or training than a high school diploma but less than a bachelor's degree. As with industries, the COE used location quotients to identify occupations that were unique or specialized in a particular subregion.

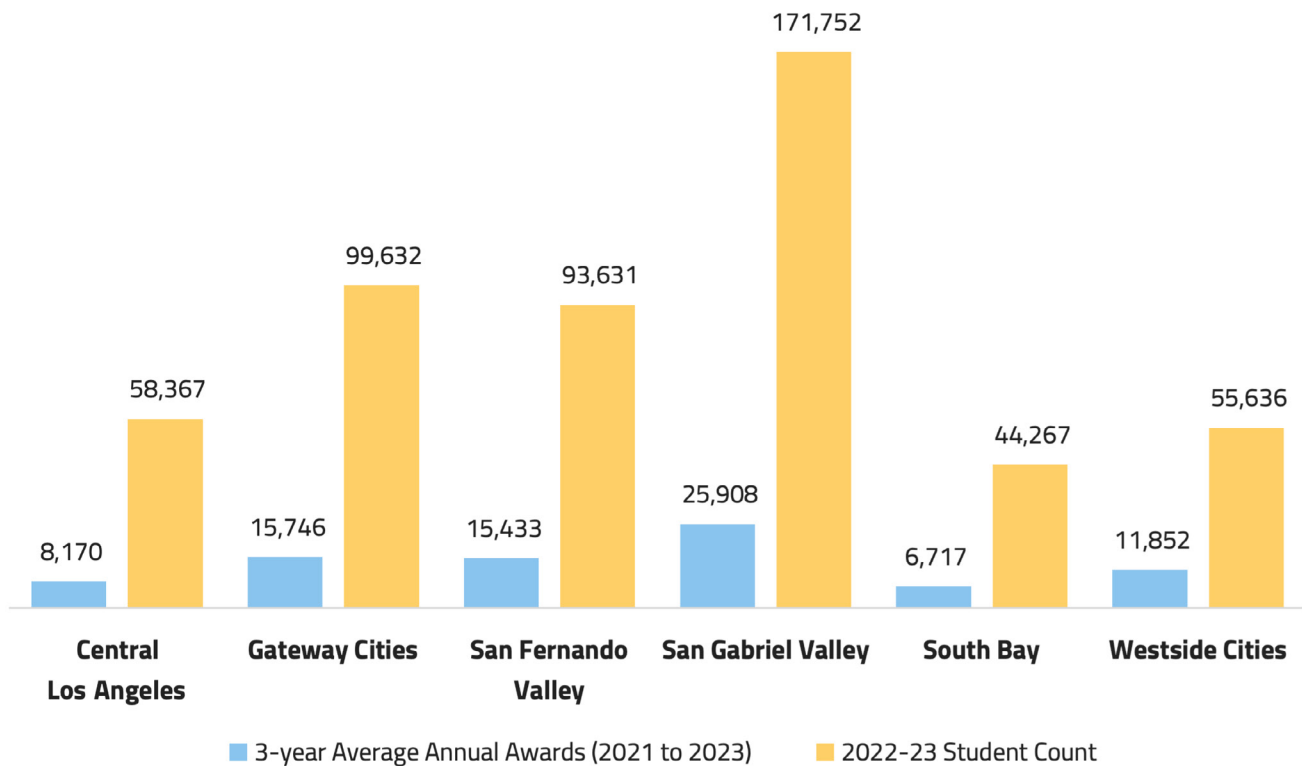|	OCCUPATIONAL TITLE	AVERAGE ANNUAL OPENINGS	MEDIAN HOURLY WAGE	SUBREGIONS WITH HIGH LOCATION QUOTIENTS (LQ)	LQ
	Registered Nurses	7,305	$62.13	San Fernando Valley San Gabriel Valley	1.20 1.02
	Heavy and Tractor-Trailer Truck Drivers	6,939	$27.22	Gateway Cities South Bay	1.52 1.21
	Bookkeeping, Accounting, and Auditing Clerks	5,703	$25.39	Central Los Angeles	1.23
	First-Line Supervisors of Office and Administrative Support Workers	4,215	$34.09	Central Los Angeles	1.03
	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3,763	$31.13	Gateway Cities San Gabriel Valley South Bay Central Los Angeles	1.92 1.42 1.10 1.07
	Producers and Directors	3,368	$49.28	Westside Cities San Fernando Valley Central Los Angeles South Bay	12.91 12.07 6.91 2.32
	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	3,020	$34.48	Westside Cities	1.06
	Licensed Practical and Licensed Vocational Nurses	2,549	$35.82	San Gabriel Valley San Fernando Valley Gateway Cities Central Los Angeles Westside Cities	1.58 1.57 1.07 1.06 1.03
	Carpenters	2,424	$26.59	San Fernando Valley San Gabriel Valley	1.15 1.05

REGIONAL STRONG WORKFORCE PROGRAM MEASURES
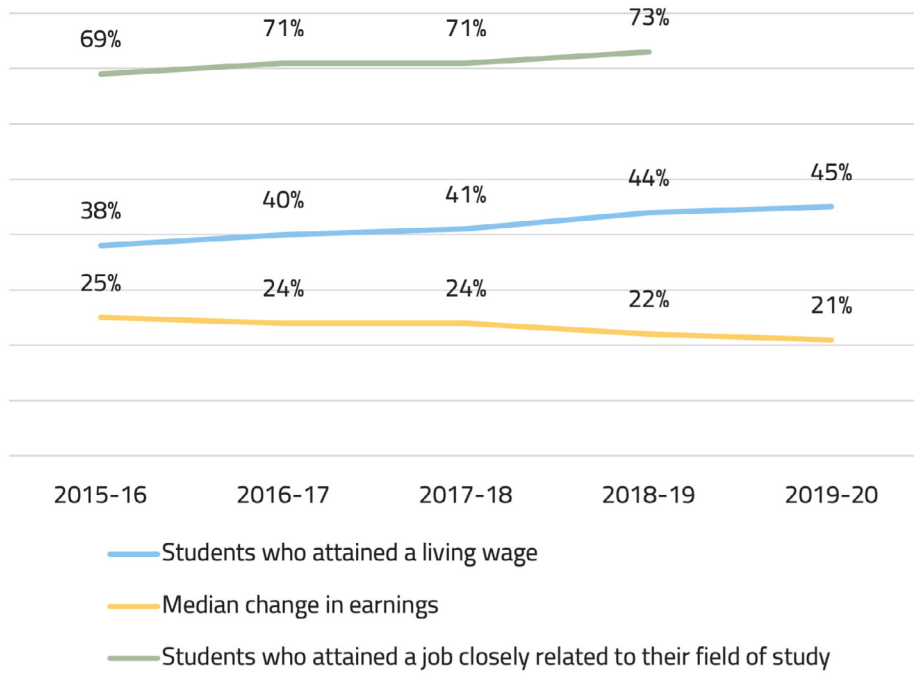
REGIONAL MEDIAN ANNUAL EARNINGS

ACADEMIC YEAR	EARNINGS
2015-16	$30,251
2016-17	$31,649
2017-18	$32,315
2018-19	$34,225
2019-20	$34,812

Line chart values across 2015-16, 2016-17, 2017-18, 2018-19, 2019-20:

- Students who attained a job closely related to their field of study (green): 69%, 71%, 71%, 73%
- Students who attained a living wage (blue): 38%, 40%, 41%, 44%, 45%
- Median change in earnings (yellow): 25%, 24%, 24%, 22%, 21%

Note: Data was unavailable for the 2019-20 academic year for students who attained a job closely related to their field of study.

AWARDS AND UNDUPLICATED STUDENT COUNTS BY SUBREGION

Subregion	3-year Average Annual Awards (2021 to 2023)	2022-23 Student Count
Central Los Angeles	8,170	58,367
Gateway Cities	15,746	99,632
San Fernando Valley	15,433	93,631
San Gabriel Valley	25,908	171,752
South Bay	6,717	44,267
Westside Cities	11,852	55,636

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California Community Colleges

LOS ANGELES REGION (19 COMMUNITY COLLEGES)

STUDENT COUNTS

523,323 LOS ANGELES REGION	1,924,311 CALIFORNIA

AWARDS (3-YEAR AVERAGE)

83,827 LOS ANGELES REGION	349,761 CALIFORNIA

SWP OUTCOMES SUMMARY: TOP PERFORMING PROGRAM AREAS

MEDIAN ANNUAL EARNINGS AFTER EXIT	Paramedic	$94,860
	Manufacturing and Industrial Technology	$75,120
	Railroad and Light Rail Operations	$69,920

ATTAINED A LIVING WAGE	Civil and Construction Management Technology	82%
	Paramedic	81%
	Public Works	81%

MEDIAN CHANGE IN EARNINGS	Educational Aide (Teacher Assistant)	183%
	Retail Store Operations and Management	174%
	Probation and Parole	170%

RACE/ETHNICITY

	Los Angeles	California
Hispanic	55%	48%
White Non-Hispanic	17%	23%
Asian	9%	11%
African-American	8%	5%
Unknown	6%	5%
Multi-Ethnicity	3%	4%
Filipino	2%	2%
Pacific Islander	0.2%	0.4%
American Indian/Alaskan Native	0.2%	0.3%
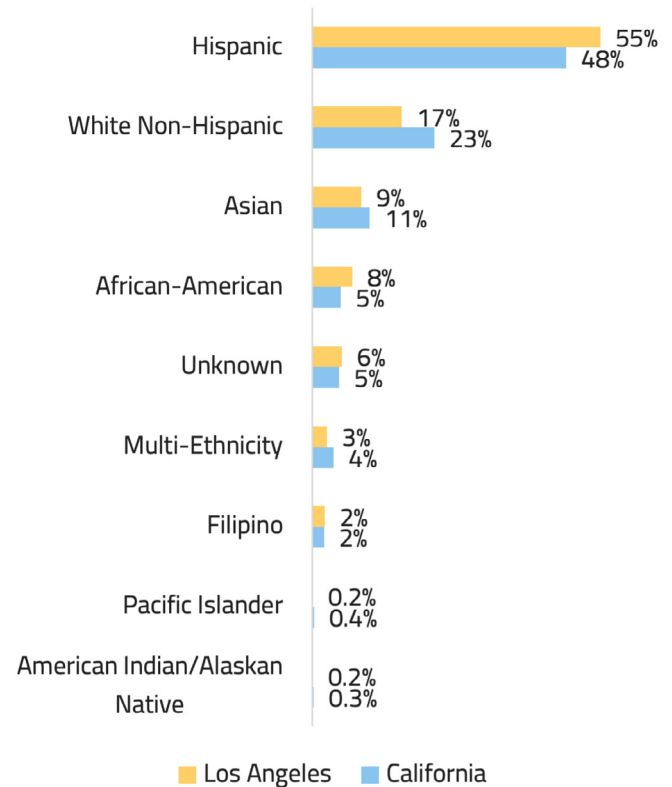
GENDER

	Female	Male	Non-binary	Unknown
Los Angeles Region	55%	43%	0.4%	2%
California	54%	44%	0.6%	2%

AGE

	19 or Less	20 to 24	25 to 29	30 to 34	35 to 39	40 to 49	50 +
Los Angeles	34%	24%	12%	9%	6%	7%	8%
California	35%	23%	11%	8%	6%	8%	8%

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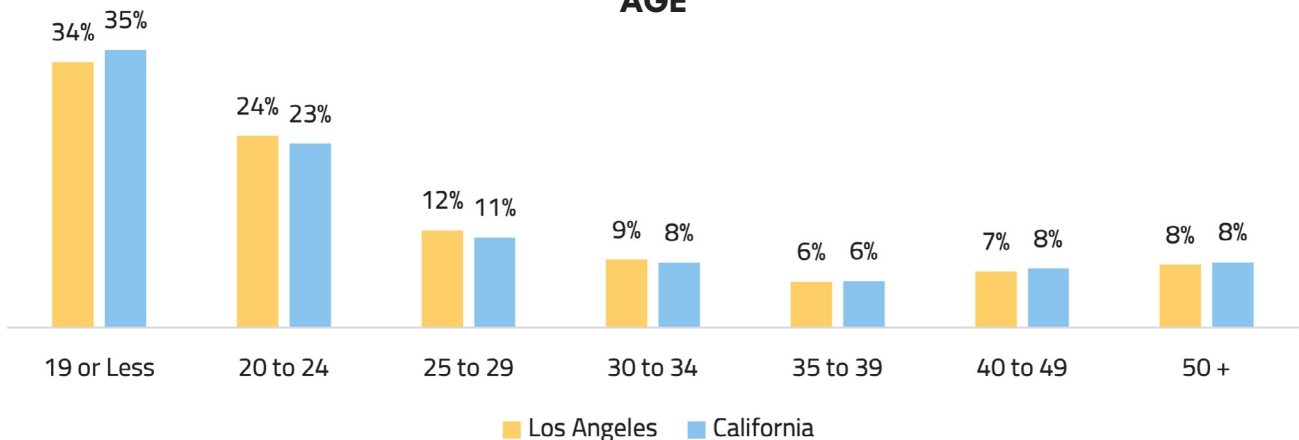
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Data Sources:

Lightcast (formerly Emsi)

Census Bureau's American Community Survey

Bureau of Labor Statistics (BLS)

California Employment Development Department, Labor Market Information Division, OES

California Community Colleges Chancellor's Office Management Information Systems (MIS)