



Labor Market Analysis: 0102.00 – Animal Science

Veterinary Assistant – Certificate requiring 16 to fewer than 30 semester units

Los Angeles Center of Excellence, December 2025

Program Endorsement:	Endorsed: All Criteria Met <input type="checkbox"/>	Endorsed: Some Criteria Met <input checked="" type="checkbox"/>	Not Endorsed <input type="checkbox"/>
Program Endorsement Criteria			
Supply Gap:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Living Wage: (Entry-Level, 25th)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Education:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Emerging Occupation(s)			
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

SUMMARY

This report analyzes whether local labor market demand is being met by community college programs aligned with the identified middle-skill occupation¹ or whether a shortage of workers exists. Labor market demand is measured by annual job openings while education supply is measured by the number of awards (degrees and certificates) conferred on average each year.

Based on the available data, there appears to be a supply gap for the one identified middle-skill occupation in the region. While entry-level wages are lower than the self-sufficiency standard wage in both Los Angeles and Orange counties, more than one-third of current workers in the field have completed an associate degree or some college as their highest level of educational attainment.

Recommendation: Due to two of three program endorsement criteria being met, the Los Angeles Center of Excellence for Labor Market Research (LA COE) endorses this proposed program.

Key Findings

Supply Gap

- 1,047 annual job openings are projected in the region through 2029. This number is greater than the three-year average of 375 awards conferred by educational institutions in the region.

¹ Middle-skill occupations typically require some postsecondary education, but less than a bachelor’s degree. The COE classifies middle-skill jobs as the following:

- 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.

Living Wage

- \$18.94 is the typical entry-level hourly wages for *veterinary assistants and laboratory animal caretakers*, which is lower than Los Angeles County’s self-sufficiency standard hourly (\$24.03/hour).²

Educational Attainment

- A high school diploma or equivalent is the typical entry-level education for *veterinary assistants and laboratory animal caretakers*, according to the Bureau of Labor Statistics (BLS).
- 46% of workers in the field have completed some college or an associate degree, according to national educational attainment data.

Community college supply

- 3 community colleges issued awards related to veterinary assistants in the greater LA/OC region.
- 98 awards (degrees and certificates) were conferred on average each year between 2022 and 2024.

Other postsecondary supply

- 3 educational institutions in the LA/OC region have conferred awards in programs related to veterinary assistants over the past three years.
- 277 awards were conferred on average each year by other postsecondary institutions throughout the greater LA/OC region between 2021 and 2023.

TARGET OCCUPATION

LA COE prepared this report to provide regional labor market and postsecondary supply data related to one middle-skill occupation:

- ***Veterinary assistants and laboratory animal caretakers (31-9096)*** Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics. Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment. May provide routine postoperative care, administer medication orally or topically, or prepare samples for laboratory examination under the supervision of veterinary or laboratory animal technologists or technicians, veterinarians, or scientists.³

OCCUPATIONAL DEMAND

Exhibit 1 shows the five-year occupational demand projections for *veterinary assistants and laboratory animal caretakers*. In the greater Los Angeles/Orange County region, the number of jobs related to this occupation is projected to increase by 14% through 2029. There will be more than 1,000 job openings per year through 2029 due to job growth and replacements. The

² Center for Women’s Welfare, University of Washington. (2024). *The self-sufficiency standard for California 2024*. <http://selfsufficiencystandard.org/California>.

³ [Veterinary Assistants and Laboratory Animal Caretakers \(bls.gov\)](https://www.bls.gov/occupations/veterinary-assistants-and-laboratory-animal-caretakers)

majority of jobs in 2024 for *veterinary assistants and laboratory animal caretakers* (68%) were located in Los Angeles County.

Exhibit 1: Current employment and occupational demand, Los Angeles and Orange counties⁴

Geography	2024 Jobs	2029 Jobs	2024-2029 Change	2024-2029 % Change	Annual Openings
Los Angeles	3,214	3,679	465	14%	715
Orange	1,542	1,728	186	12%	332
Total	4,755	5,407	652	14%	1,047

Detailed Occupation Data

Exhibit 2 displays the current employment and projected occupational demand for the target occupation in Los Angeles County. The average percentage of workers aged 55+ across all occupations in the Los Angeles/Orange County region is 26%; occupations with a larger share of workers aged 55 and older typically have greater replacement needs to offset the amount of impending retirements. On average, 81% of workers across all occupations in California are employed full-time.

Exhibit 2: Detailed employment and occupational demand, Los Angeles County⁵

Occupation	2024 Jobs	2029 Jobs	5-Yr % Change	Annual Openings	% Aged 55 and older	% Full Time Workers
Veterinary Assistants and Laboratory Animal Caretakers	3,214	3,679	14%	715	10%	100%

WAGES

The labor market endorsement in this report considers the entry-level hourly wages for *veterinary assistants and laboratory animal caretakers* in Los Angeles County as they relate to the county’s self-sufficiency standard wage. Orange County wages are included below in order to provide a complete analysis of the greater Los Angeles/Orange County region.

Los Angeles County

The typical entry-level hourly wages for *veterinary assistants and laboratory animal caretakers* are \$18.94, which is below the self-sufficiency standard wage for one adult (\$24.03 in Los Angeles County). Experienced workers can expect to earn wages of \$23.61, which is still lower than the self-sufficiency standard (Exhibit 3).

⁴ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

⁵ Ibid.

Exhibit 3: Earnings for occupation in Los Angeles County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)	Median Annual Earnings*
Veterinary Assistants and Laboratory Animal Caretakers	\$18.94	\$21.66	\$23.61	\$45,000

*Rounded to the nearest \$100

Orange County

The typical entry-level hourly wages for *veterinary assistants and laboratory animal caretakers* are \$17.95, which is below the self-sufficiency standard wage for one adult (\$27.13 in Orange County). Experienced workers can expect to earn wages of \$22.37, which is still lower than the self-sufficiency standard (Exhibit 4).

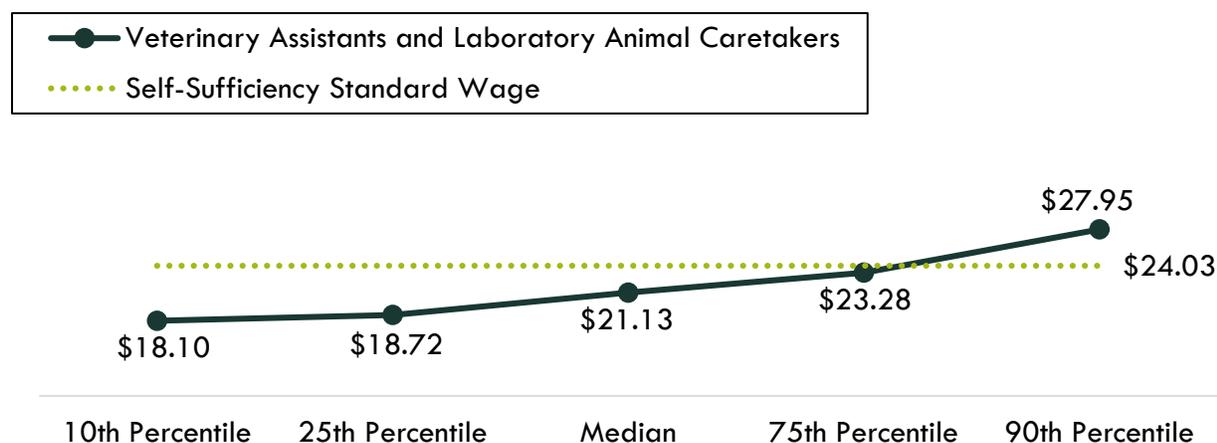
Exhibit 4: Earnings for occupation in Orange County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)	Median Annual Earnings*
Veterinary Assistants and Laboratory Animal Caretakers	\$17.95	\$20.51	\$22.37	\$43,000

*Rounded to the nearest \$100

Across the greater Los Angeles and Orange County region, the average entry-level hourly earnings for the occupation in this report are \$18.72; this is below the living wage for one single adult in Los Angeles County (\$24.03). Exhibit 5 shows the average hourly wage for the occupation in this report, for entry-level to experienced workers.

Exhibit 5: Average hourly earnings for target occupation, Los Angeles and Orange counties



JOB POSTINGS

There were 1,138 online job postings related to *veterinary assistants and laboratory animal caretakers* listed in the past 12 months in Los Angeles and Orange counties. Job postings were

analyzed for the most common job titles, skills, and employers associated with the target occupation in this report (Exhibit 6).

Exhibit 6: Most commonly requested job titles, skills and employers in job postings, Los Angeles and Orange counties

Top Job Titles	Top Skills	Top Employers
<ul style="list-style-type: none"> • Veterinary assistants • Veterinary technician assistants • Veterinary assistants/receptionists • Kennel assistants • Animal care assistants 	<ul style="list-style-type: none"> • Safe restraining techniques (veterinary) • Surgery • Medical records • Medication administration • Animal care 	<ul style="list-style-type: none"> • VCA Animal Hospitals • Banfield Pet Hospital • Petco • PetVet Care Centers • Modern Animal • Southern Veterinary Partners

In the greater Los Angeles/Orange County region, 33% of the *veterinary assistant and laboratory animal caretaker* job postings listed a minimum educational requirement. Exhibit 7 details the number and percentage of job postings by educational level.

Exhibit 7: Education levels requested in job postings for target occupation, Los Angeles and Orange counties

Education Level	Job Postings	% of Job Postings
Bachelor's degree	7	2%
Associate degree	15	4%
High school diploma or vocational training	348	94%

EDUCATIONAL ATTAINMENT

The Bureau of Labor Statistics (BLS) lists a high school diploma or equivalent as the typical entry-level education for *veterinary assistants and laboratory animal caretakers* (Exhibit 8). However, the national-level data indicates 46% of workers in the field have completed some college or an associate degree as their highest level of educational attainment. The Bureau of Labor Statistics (BLS) lists the following typical entry-level education levels for the occupation in this report:

Exhibit 8: Entry-level education preferred by employers nationally, Bureau of Labor Statistics

Occupation	Education Level
Veterinary assistants and laboratory animal caretakers	High school diploma or equivalent

EDUCATIONAL SUPPLY

Community College Supply

Exhibit 9 shows the annual and three-year average number of awards conferred by community colleges in programs that have historically trained for the occupation of interest. The colleges with the most completions in the region are Mt. San Antonio, LA Pierce, and Santiago Canyon.

Exhibit 9: Regional community college awards (certificates and degrees), 2022-2024

TOP Code	Program	College	2021-22 Awards	2022-23 Awards	2023-24 Awards	3-Year Average
0102.00	Animal Science	LA Pierce	-	-	1	0
		Mt San Antonio	33	33	38	35
		LA Subtotal	33	33	39	35
		Santiago Canyon	-	-	5	2
		OC Subtotal	-	-	5	2
Supply Subtotal/Average			33	33	44	37
0102.10	Veterinary Technician (Licensed)	LA Pierce	23	34	33	30
		Mt San Antonio	15	52	27	31
		LA Subtotal	38	86	60	61
		Supply Subtotal/Average	38	86	60	61
Supply Total/Average			71	119	104	98

Exhibit 10 displays the community college awards broken down by award type. In this case, the majority of awards issued by community colleges are associate degrees (73%).

Exhibit 10: Community college awards by award type, 2022-2024

Award Type	# of Awards	% of Awards
A.A./A.S. degrees	72	73%
Certificates	24	24%
Noncredit awards	2	2%
Total	98	100%

Other Postsecondary Supply

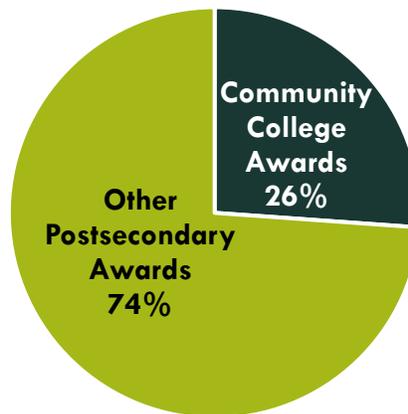
For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that provide training programs for veterinary assistants. Exhibit 11 shows the number of awards conferred by these institutions in relevant programs. Due to different data collection periods, the most recent data is from 2021 to 2023. Between 2021 and 2023, other postsecondary college institutions in the region conferred an average of 277 sub-baccalaureate awards. Sub-baccalaureate awards include associate degrees, postsecondary awards, and other academic awards that typically take fewer than four years to complete.

Exhibit 11: Other regional postsecondary awards, 2021-2023

CIP Code	Program	Postsecondary Institution	2020-21 Awards	2021-22 Awards	2022-23 Awards	3-Year Average
01.8301	Veterinary/ Animal Health Technology/Technician and Veterinary Assistant	Platt College- Anaheim	51	29	37	39
		Platt College- Los Angeles	198	190	205	198
		Stanbridge University	44	27	51	41
Supply Total/Average			293	246	293	277

Exhibit 12 shows the proportion of community college awards conferred in the greater Los Angeles/Orange County region compared to the number of other postsecondary awards for the programs in this report. The majority of awards conferred in these programs are awarded by other institutions in the greater Los Angeles/Orange County region.

Exhibit 12: Percentage of community college awards compared to other postsecondary institution awards in the Los Angeles/Orange County region



Contact information:

Luke Meyer, Director

Los Angeles Center of Excellence

Lmeyer7@mtsac.edu

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DATA SOURCES

- O*NET Online
- Lightcast (formerly Emsi)
- Bureau of Labor Statistics (BLS)
- California Employment Development Department, Labor Market Information Division, OES
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- Self-Sufficiency Standard at the Center for Women's Welfare, University of Washington
- Chancellor's Office Curriculum Inventory (COCI 2.0)

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