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**Veterinary Technology and Assisting Program Report
For Greater South Bay and Peninsula Region
(Santa Clara and San Mateo Counties)**

Veterinary/Animal Health Technology/Technician and Veterinary Assistant

CIP 2010: A program that prepares individuals, under the supervision of veterinarians, laboratory animal specialists, and zoological professionals, to provide patient management, care, and clinical procedures assistance as well as owner communication. Includes instruction in animal nursing care, animal health and nutrition, animal handling, clinical pathology, radiology, anesthesiology, dental prophylaxis, surgical assisting, clinical laboratory procedures, office administration skills, patient and owner management, and applicable standards and regulations.

Target Occupations

Veterinary Technologists and Technicians (29-2056)

Veterinary Assistants and Laboratory Animal Caretakers (31-9096)

In 2012, the number of veterinary technology (veterinary/animal health technology/technician and veterinary assistant) jobs in Santa Clara and San Mateo Counties totaled 1,176. The Bureau of Labor Statistics (BLS) expects the total number of positions to increase by 0.8% over the next three years. Regional openings in 2012, which included created jobs and turnover, totaled 69. Completions in veterinary technology programs totaled 104 from two institutions, with an additional 137 completions from other related programs. These other programs are linked to multiple occupations and not all those who complete will enter the target occupations indicated in this report.

Target Occupation Performance

1,176* Jobs (2012) National Location Quotient: 0.80 [†]	0.8%* Growth (2013-2016) National: 9.9%	\$17.06/hr Median Earnings National: \$12.97/hr
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*Based on total number of jobs for target occupations Santa Clara and San Mateo Counties.

[†]Represents occupation density as compared to national average (national average=1).

Regional Openings (2012)**	69
Regional Program Completions (2012)	104
All Regional Completions for Target Occupations ^{††} (2012)	241

**Openings include created jobs and turnover.

^{††}Includes all regional programs applicable to target occupations.

Veterinary Technology Occupation Performance

Target Occupations	Regional Openings (2012)	Average Hourly Earnings	Growth (2013-2016)
Veterinary Technologists and Technicians (29-2056)	43	\$19.96	4.6%
Veterinary Assistants and Laboratory Animal Caretakers (31-9096)	26	\$15.55	-2.5%

Regional Breakdown for Veterinary Technology

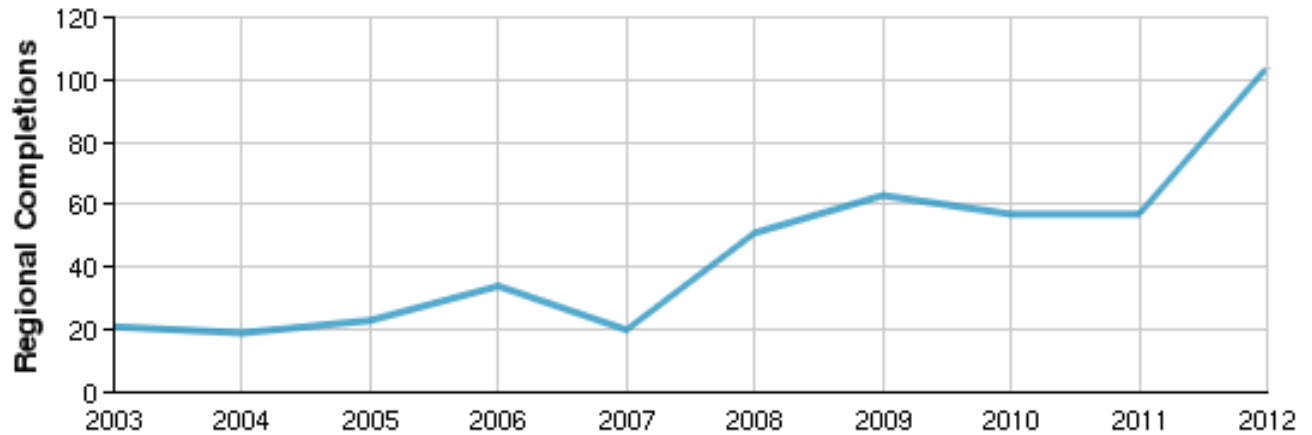
County Name	2013 Jobs	2016 Jobs	2013 Annual Openings	Median Hourly Earnings	2013 National Location Quotient
Santa Clara	781	784	18	\$15.74	0.70
San Mateo	441	448	12	\$19.28	1.05
Total	1,223	1,232	30	\$17.06	

Regional Veterinary Technology and Assisting Training Providers

2
Institutions

104*
Completions (2012)

*Based on IPEDS data.



Institution	Degrees	Certificates	Total Completions
Carrington College California-San Jose	54	0	54
Foothill College	50	0	50

Other regional programs may train individuals eligible for veterinary technology occupations, which are based on an occupation-program crosswalk developed by the Department of Education. Additional programs are offered at San Jose State University. As noted earlier, many postsecondary programs are linked to multiple occupations and not all those who complete the program will enter the target occupation.

Related Regional Programs Allowing Entry to Veterinary Technology

1 Programs (2012)	241 Completions (2012)
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Program	2008	2009	2010	2011	2012
Health Services/Allied Health/Health Sciences, General (51.0000)	79	99	122	120	137

Target Occupations Demographics

The demographics among those employed in veterinary technology occupations in Santa Clara and San Mateo Counties for 2013 show that the majority are women (72.8%) and nearly three-fourths are between the ages of 25-54 (74.5%). The national breakdown of the education level among those employed in veterinary technology occupations show that 54% have earned an Associate's degree or have completed some college.

Gender Demographics (Regional)

Gender	Jobs (2013)	% of Total
Male	333	27.2%
Female	890	72.8%

Age Demographics (Regional)

Age	Jobs (2013)	% of Total
14-18 Years	10	0.8%
19-21 Years	57	4.7%
22-24 Years	148	12.1%
25-34 Years	449	36.8%
35-44 Years	266	21.8%
45-54 Years	194	15.9%
55-64 Years	85	7.0%
65+ Years	13	1.0%

Educational Attainment (National)

Doctoral or professional degree	1%
Master's degree	1%
Bachelor's degree	14%
Associate's degree	19%
Some college, no degree	35%
High school diploma or equivalent	28%
Less than high school diploma	3%

Industries Employing Veterinary Technology Occupations

A number of industries in Santa Clara and San Mateo Counties employ those trained in veterinary technology. The following table represents a regional industry breakdown of the number of veterinary technology positions employed, the percentage of veterinary technology jobs employed by industry and the percentage veterinary technology jobs represent within all jobs by each industry. While veterinary services employed 81.0% of all regional veterinary technology positions in 2013, veterinary technology represents nearly half of the total jobs in that industry (48.2%).

Inverse Staffing Patterns (Regional)

Top Five Industries	Occupation Group Jobs in Industry (2013)	% of Occupation Group in Industry (2013)	% of Total Jobs in Industry (2013)
Veterinary Services (541940)	990	81.0%	48.2%
Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology) (541712)	102	8.3%	0.4%
Colleges, Universities, and Professional Schools (Private) (611310)	42	3.5%	0.2%
Research and Development in Biotechnology (541711)	22	1.8%	0.4%
Pharmaceutical Preparation Manufacturing (325412)	<10	0.8%	0.1%

Data Sources and Calculations

State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.