

## C. Regional Labor Demand

### Bay Region Labor Demand

Program	SOC Code & Occupational Title	Perkin Qualify	CCCCO Sector	Skill Level	Entry Level Ed	Work Experience Required	Typical On-The-Job Training	Avg 2023-28 Annual Openings	2023 Current Jobs	2023-28 % Change	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings
<b>Sports Medicine</b>	39-9031 Exercise Trainers and Group Fitness Instructors	Yes	Education & Human Development	Middle Skill	High school diploma or equivalent	None	Short-term on-the-job training	2,850	13,190	11%	\$18	\$27	\$41
<b>GIST</b>	17-3031-Surveying and Mapping Technicians	Yes	Energy, Construction & Utilities	Below Middle Skill	High school diploma or equivalent	None	Moderate-term on-the-job training	190	1,430	5%	\$25	\$34	\$44
<b>Grand Total</b>								3,040	14,620	11%	\$24	\$32	\$44

**Source Data:** BACCC (Bay Area Community College Consortium) Labor Demand and Labor Supply Dashboard (2023-28)

**\*TOP-SOC Crosswalk from BACCC:**

122800 – Athletic Training and Sports Medicine (TOP) = 39-9031 – Fitness Trainers and Aerobics Instructors (SOC)

220610 – Geographic Information Systems (TOP) = 17-3031 – Surveying and Mapping Technicians (SOC)

## D. Regional Labor Supply

### Bay Region Labor Supply

Program	SOC Code & Occupational Title	Subregion	County	Institution	Latest 3 Yr Avg	2021-22	2022-23	2023-24
Sports Medicine	39-9031 Exercise Trainers and Group Fitness Instructors	East Bay	Alameda	Chabot Hayward	1.0	1	1	1
				Las Positas	2.7	1	1	6
			Contra Costa	Diablo Valley	2.3	3	2	2
		North Bay	Solano	Solano	2.3	0	3	4
			Sonoma	Santa Rosa	9.0	7	11	9
		Silicon Valley	Santa Clara	Foothill College	4.0	0	4	8
<b>Grand Total</b>					<b>21.3</b>	<b>12</b>	<b>22</b>	<b>30</b>
GIST	17-3031-Surveying and Mapping Technicians	East Bay	Alameda	Ohlone	0.3	0	1	0
			Contra Costa	Diablo Valley	12.7	17	15	6
		Mid-Peninsula	San Francisco	San Francisco	13.0	11	4	24
		North Bay	Sonoma	Santa Rosa	0.3	1	0	0
		Silicon Valley	Santa Clara	Foothill	27.7	26	24	33
				West Valley	1.3	1	2	1
<b>Grand Total</b>					<b>55.3</b>	<b>56</b>	<b>46</b>	<b>64</b>

Source Data: BACCC (Bay Area Community College Consortium) Labor Demand and Labor Supply Dashboard (2023-28)

\*TOP-SOC Crosswalk from BACCC:

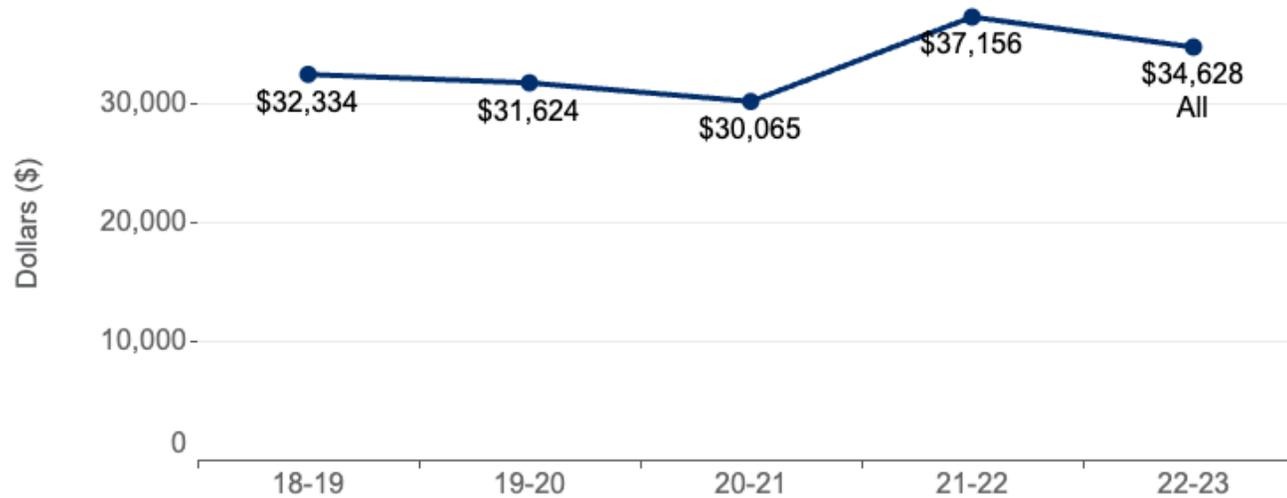
220610 – Geographic Information Systems (TOP) = 17-3031 – Surveying and Mapping Technicians (SOC)

122800 – Athletic Training and Sports Medicine (TOP) = 39-9031 – Fitness Trainers and Aerobics Instructors (SOC)

## E. Regional Wage

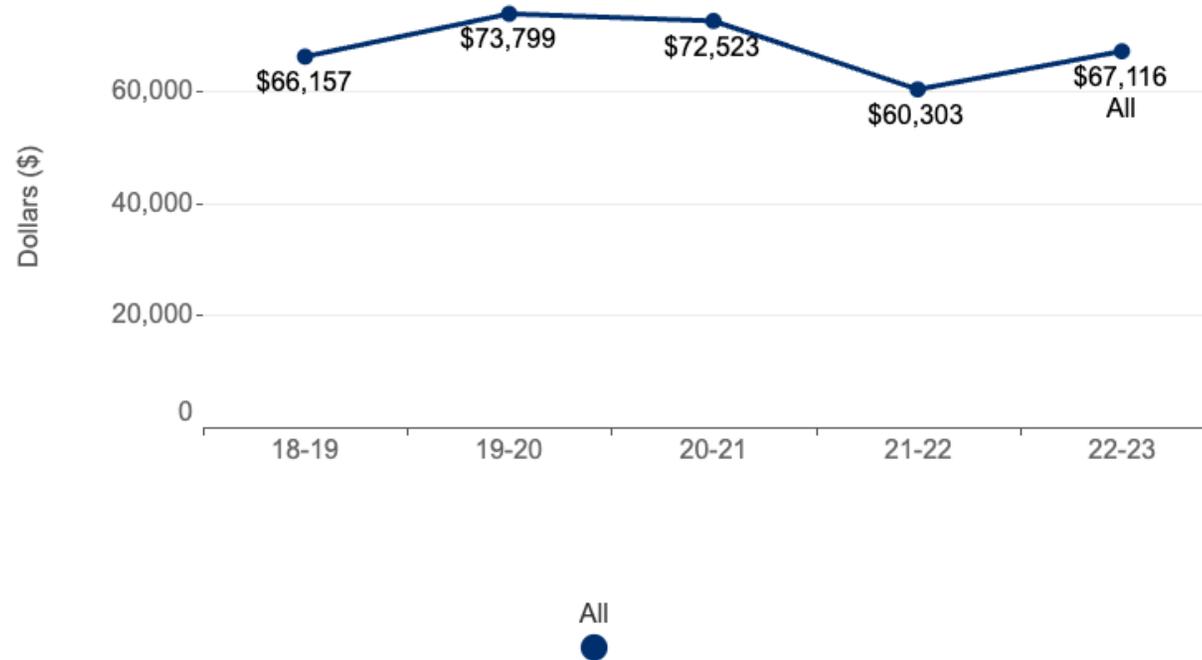
### Median Annual Earnings for Athletic Training and Sports Medicine - 122800 at Bay Area

By Overall



## Median Annual Earnings for Geographic Information Systems - 220610 at Bay Area

By Overall



**Source:** Chancellor's Office Management Information System, Employment Development Department Unemployment Insurance Dataset, National Student Clearinghouse, CSU/UC Cohort Match,

**Notes:** Employment and earnings metrics are only calculated and displayed for students who are no longer enrolled in any postsecondary institution. Therefore, these outcome metrics are not available for the latest year.

## F. Program 13.5 Course Completion

Program 13.5 Course Completion					
Unduplicated Headcount	2019-20	2020-21	2021-22	2022-23	2023-24
Geographic Information Systems Technology	10	30	10	15	15
Sports Medicine	4	1	1	4	6

CTE courses offered between 2019-20 and 2023-24 that were used to retrieve completion counts include the following:

Geographic Information Systems Technology: GIST 11, 12, 52, 53, 54A, 58 and 59.

Sports Medicine: KINS 1, 16A/B/C and 62A/B/C/D/E.