** Dietary Manager Occupations**

**Labor Market Information Report**

**Monterey Peninsula College**

Prepared by the San Francisco Bay Center of Excellence

for Labor Market Research

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# Recommendation

Based on all available data, there appears to be an undersupply of Dietary Managers compared to the demand for this cluster of occupations in the Bay region and in the SC-Monterey sub-region (Monterey, San Benito, and Santa Cruz Counties). The gap is about 176 students annually in the Bay region and 38 students annually in the SC-Monterey Sub-Region.

This report also provides student outcomes data on employment and earnings for programs on TOP 1306.00 - Nutrition, Foods, and Culinary Arts in the state and region. It is recommended that this data be reviewed to better understand how outcomes for students taking courses on this TOP code compare to potentially similar programs at colleges in the state and region, as well as to outcomes across all CTE programs at Monterey Peninsula College and in the region.

# Introduction

This report profiles Dietary Manager Occupations in the 12 county Bay region and in the SC-Monterey sub-region for a proposed new program at Monterey Peninsula College.

|  |
| --- |
| * **Dietitians and Nutritionists (SOC 29-1031):** Plan and conduct food service or nutritionalprograms to assist in the promotion of health and control of disease. May supervise activities of a department providing quantity food services, counsel individuals, or conduct nutritional research. |
| *Entry-Level Educational Requirement: Bachelor's degree* |
| *Training Requirement: Internship/residency* |
| *Percentage of Community College Award Holders or Some Postsecondary Coursework: 14%* |

# Occupational Demand

**Table 1. Employment Outlook for Dietary Manager Occupations in Bay Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Annual Open-ings | 10% Hourly Wage | Median Hourly Wage |
| Dietitians and Nutritionists | 2,332 | 2,604 | 272 | 12% | 1,007 | 201 | $20.23 | $36.50 |

*Source: EMSI 2018.4*

**Bay Region** includes Alameda, Contra Costa, Marin, Monterey, Napa, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz, Solano and Sonoma Counties

**Table 2. Employment Outlook for Dietary Manager Occupations in SC-Monterey Sub-Region**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Occupation | 2017 Jobs | 2022 Jobs | 5-Yr Change | 5-Yr % Change | 5-Yr Open-ings | Annual Open-ings | 10% Hourly Wage | Median Hourly Wage |
| Dietitians and Nutritionists | 443 | 492 | 49 | 11% | 189 | 38 | $15.98 | $36.68 |

*Source: EMSI 2018.4*

**SC-Monterey Sub-Region** includes Monterey, San Benito, and Santa Cruz Counties

### Job Postings in Bay Region and SC-Monterey Sub-Region

**Table 3. Number of Job Postings by Occupation for latest 12 months (Nov 2017 - Oct 2018)**

|  |  |  |
| --- | --- | --- |
| Occupation | Bay Region | SC-Monterey |
| Dietitians and Nutritionists | 638 | 38 |

*Source: Burning Glass*

**Table 4. Top Job Titles for Dietary Manager Occupations for latest 12 months (Nov 2017 - Oct 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Common Title | Bay | SC-Monterey | Common Title | Bay | SC-Monterey |
| Dietary Aide | 218 | 12 | Clinical Registered Dietitian | 2 |  |
| Registered Dietitian | 125 | 5 | Standardization And Evaluation Support | 2 |  |
| Dietitian | 118 | 13 | Director, Nutrition | 1 |  |
| Clinical Dietitian | 74 | 3 | Fitness Diet Planner | 1 |  |
| Dietary Assistant | 30 | 2 | Health Nutrition Services Coordinator | 1 |  |
| Clinical Nutrition Manager | 24 |  | Low Latency Algo Development | C++ | 1 |  |
| Nutritionist | 19 |  | Nutrition Director | 1 |  |
| Dietary Cook | 14 | 3 | Pediatric Outpatient - , Cph | 1 |  |
| Pediatric Dietitian | 4 |  | Research Dietitian | 1 |  |

*Source: Burning Glass*

# Industry Concentration

**Table 5. Industries hiring Dietary Managers in Bay Region**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Industry – 6 Digit NAICS (No. American Industry Classification) Codes | Jobs in Industry (2017) | Jobs in Industry (2022) | % Change (2017-22) | % in Industry (2017) |
| HMO Medical Centers (621491) | 418 | 421 | 27% | 17.9% |
| General Medical and Surgical Hospitals (622110) | 303 | 301 | (3%) | 12.8% |
| Local Government, Excluding Education and Hospitals (903999) | 131 | 132 | 6% | 5.6% |
| Hospitals (Local Government) (903622) | 111 | 112 | 7% | 4.8% |
| Offices of All Other Miscellaneous Health Practitioners (621399) | 109 | 110 | 8% | 4.7% |
| Nursing Care Facilities (Skilled Nursing Facilities) (623110) | 96 | 95 | 2% | 4.0% |
| Food Service Contractors (722310) | 91 | 94 | 22% | 4.0% |
| Offices of Mental Health Practitioners (except Physicians) (621330) | 77 | 78 | 5% | 3.3% |
| Freestanding Ambulatory Surgical and Emergency Centers (621493) | 70 | 70 | 31% | 3.0% |
| Caterers (722320) | 61 | 62 | 15% | 2.6% |
| Services for the Elderly and Persons with Disabilities (624120) | 58 | 58 | 16% | 2.5% |
| Offices of Physicians (except Mental Health Specialists) (621111) | 54 | 54 | 2% | 2.3% |
| Hospitals (State Government) (902622) | 53 | 52 | 17% | 2.2% |
| All Other Outpatient Care Centers (621498) | 45 | 48 | 31% | 2.1% |
| State Government, Excluding Education and Hospitals (902999) | 42 | 42 | 2% | 1.8% |
| Kidney Dialysis Centers (621492) | 36 | 37 | 17% | 1.6% |
| Federal Government, Civilian, Excluding Postal Service (901199) | 36 | 36 | (3%) | 1.5% |

*Source: EMSI 2018.4*

**Table 6. Top Employers Posting Dietary Manager Occupations in Bay and SC-Monterey Sub-Region (Nov 2017 - Oct 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Employer | Bay | Employer | Bay | Employer | SC-Monterey |
| Kaiser Permanente | 26 | Vibra Healthcare | 9 | Covenant Care | 3 |
| Covenant Care | 20 | Center For Discovery | 8 | Booz Allen Hamilton Inc. | 2 |
| HCR ManorCare | 20 | Sodexo | 8 | General Dynamics | 2 |
| Lucile Packard Childrens Hospital | 15 | Stanford Health Care | 8 | Satellite Healthcare Incorporated | 2 |
| Sutter Health Sacramento Sierra Region | 15 | Uc San Diego | 8 | Community Hospital Of Monterey Peninsula | 1 |
| Healthcare Services Group Incorporated | 14 | Satellite Healthcare | 7 | Community Hospital Of The Monterey Peninusla | 1 |
| Sutter Health | 14 | Sonoma Valley Hospital | 7 | Cypress Ridge Care Center | 1 |
| Satellite Healthcare Incorporated | 13 | Department of Veterans Affairs | 6 | Davita Incorporated | 1 |
| Healthcare Services Group | 12 | Dietitians On Demand | 6 | Dignity Health | 1 |
| Sutter Medical Center | 12 | Hospital Corporation of America | 6 | Natividad | 1 |
| Alta Bates Summit | 9 | US Air Force | 6 | Sutter Health | 1 |
| Fresenius | 9 | Compass Group | 5 | Sutter Health Sacramento Sierra Region | 1 |

*Source: Burning Glass*

# Educational Supply

There are 21 community colleges in the Bay Region with headcount on TOP 1306.00 - Nutrition, Foods, and Culinary Arts, but only three colleges are issuing 25 awards annually. There are no colleges in the SC-Monterey Sub-Region issuing awards on this TOP code.

**Table 7. Awards on TOP 1306.00 - Nutrition, Foods, and Culinary Arts in the Bay Region**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| College | Sub-Region | Headcount | Associates | Certificates | Total |
| Cabrillo | Santa Cruz & Monterey | 25 |  |  |  |
| Canada | Mid-Peninsula | 195 | 1 |  | 1 |
| Chabot | East Bay | 781 |  |  |  |
| Contra Costa | East Bay | 69 |  |  |  |
| Deanza | Silicon Valley | 1,788 |  |  |  |
| Diablo Valley | East Bay | 1,470 | 2 |  | 2 |
| Evergreen Valley | Silicon Valley | 392 |  |  |  |
| Hartnell | Santa Cruz & Monterey | 255 |  |  |  |
| Las Positas | East Bay | 821 |  |  |  |
| Los Medanos | East Bay | 394 |  |  |  |
| Marin | North Bay | 100 |  |  |  |
| Mission | Silicon Valley | 398 |  |  |  |
| Monterey | Santa Cruz & Monterey | 446 |  |  |  |
| Napa | North Bay | 14 |  |  |  |
| San Francisco | Mid-Peninsula | 323 |  | 22 | 22 |
| San Francisco Ctrs | Mid-Peninsula | 16 |  |  |  |
| San Jose City | Silicon Valley | 180 |  |  |  |
| San Mateo | Mid-Peninsula | 406 |  |  |  |
| Santa Rosa | North Bay | 1,512 |  |  |  |
| Skyline | Mid-Peninsula | 100 |  |  |  |
| Solano | North Bay | 1,110 |  |  |  |
| West Valley | Silicon Valley | 351 |  |  |  |
| **Total Bay Region** | | **11,146** | **3** | **22** | **25** |
| **Total SC-Monterey Sub-Region** | | **726** | **0** | **0** | **0** |

# *Source: IPEDS, Data Mart and Launchboard*

NOTE: Headcount of students who took one or more courses is for 2016-17. The annual average for awards is 2014-17 unless there are only awards in 2016-17. The annual average for other postsecondary is for 2013-16.

# Gap Analysis

Based on the data included in this report, there is a labor market gap in the Bay region with 201 annual openings for Dietary Manager occupations and 25 average annual awards for an annual undersupply of 176. In the SC-Monterey sub-region, there is also a gap with 38 annual openings and no annual awards for an annual undersupply of 38.

# Student Outcomes

**Table 8. Four Employment Outcomes Metrics for Students Who Took Courses on TOP 1306.00 - Nutrition, Foods, and Culinary Arts**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 2015-16 | Bay  (All CTE Programs) | Monterey Peninsula College (All CTE Programs) | State (1306.00) | Bay (1306.00) | SC-Monterey (1306.00) | Monterey Peninsula College (1306.00) |
| % Employed Four Quarters After Exit | 75% | 76% | 66% | 70% | 66% | 57% |
| Median Quarterly Earnings Two Quarters After Exit | $13,996 | $13,648 | $6,000 | $7,859 | $5,316 | $4,985 |
| Median % Change in Earnings | 40% | 29% | 56% | 31% | 54% | 54% |
| % of Students Earning a Living Wage | 63% | 71% | 40% | 46% | 22% | n/a |

*Source: Launchboard Pipeline (version available on 11/21/18)*

# Skills, Certifications and Education

**Table 9. Top Skills for Dietary Manager Occupations in Bay Region (Nov 2017 - Oct 2018)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Skill | Postings | Skill | Postings | Skill | Postings |
| Dietetics | 332 | Food Delivery | 59 | Customer Contact | 37 |
| Long-Term Care | 125 | Treatment Planning | 53 | CPR | 36 |
| Food Preparation | 110 | Home Health | 52 | Medical Coding | 34 |
| Patient Care | 105 | Diabetes Diagnosis Treat | 51 | Patient Assistance | 33 |
| Nutrition Services | 104 | Nutrition Counseling | 51 | Equipment Repair | 32 |
| Care Planning | 99 | Record Keeping | 51 | Meal Planning | 32 |
| Patient/Family Ed and Instruction | 75 | Customer Service | 47 | Repair | 32 |
| Meal Preparation | 74 | Food Safety | 47 | Service Improvement | 30 |
| Food Service Exper. | 73 | Quality Management | 47 | Children's Health | 28 |
| Infection Control | 70 | Rehabilitation | 47 | Nursing Home | 28 |
| Cleaning | 65 | Acute Care | 46 | Health Insurance Portability (HIPAA) | 27 |
| Scheduling | 64 | Hospice | 45 | Meal Serving | 27 |
| Nutrition | 62 | Quality Assurance & Control | 44 | Enteral Nutrition | 26 |
| Staff Management | 60 | Patient Evaluation | 40 | End Stage Renal Disease (ESRD) knowledge | 25 |
| Budgeting | 59 | Spreadsheets | 40 | Staff Development | 25 |

*Source: Burning Glass*

**Table 10. Certifications for Dietary Manager Occupations in the Bay Region (Nov 2017 - Oct 2018)**

Note: 45% of records have been excluded because they do not include a certification. As a result, the chart below may not be representative of the full sample.

|  |  |  |  |
| --- | --- | --- | --- |
| Certification | Postings | Certification | Postings |
| Registered Dietitian | 311 | Security Clearance | 10 |
| ServSafe | 45 | Food Handler Certification | 8 |
| Certified Diabetes Educator (CDE) | 36 | Certified Coding Specialist | 5 |
| First Aid Cpr Aed | 33 | American Heart Association Certification | 4 |
| Nutrition Certification | 27 | Certified Strength and Conditioning Specialist | 4 |
| Basic Life Saving (BLS) | 18 | Food Service Certification | 3 |
| Certified Safety Professional | 17 | Certified Lactation Consultant | 2 |
| Driver's License | 16 | Advanced Cardiac Life Support (ACLS) Certification | 1 |
| Basic Cardiac Life Support Certification | 13 | Bilingual Certification | 1 |

*Source: Burning Glass*

**Table 11. Education Requirements for Dietary Manager Occupations in Bay Region**

Note: 60% of records have been excluded because they do not include a degree level. As a result, the chart below may not be representative of the full sample.

|  |  |
| --- | --- |
| Education (minimum advertised) | Latest 12 Mos. Postings |
| High school or vocational training | 0 (0%) |
| Associate Degree | 0 (0%) |
| Bachelor’s Degree or Higher | 255 (100%) |

*Source: Burning Glass*

# Methodology

Occupations for this report were identified by use of skills listed in O\*Net descriptions and job descriptions in Burning Glass. Labor demand data is sourced from Economic Modeling Specialists International (EMSI) occupation data and Burning Glass job postings data. Educational supply and student outcomes data is retrieved from multiple sources, including CTE Launchboard and CCCCO Data Mart.

# Sources

O\*Net Online

Labor Insight/Jobs (Burning Glass)

Economic Modeling Specialists International (EMSI)

CTE LaunchBoard [www.calpassplus.org/Launchboard/](http://www.calpassplus.org/Launchboard/)

Statewide CTE Outcomes Survey

Employment Development Department Unemployment Insurance Dataset

Living Insight Center for Community Economic Development

Chancellor’s Office MIS system

# Contacts

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