

Labor Market Analysis: 1306.20 – Dietetic Services and Management Nutrition Science (Associate in Science - Transfer)

Los Angeles Center of Excellence, August 2022

Summary

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"/>

The Los Angeles Center of Excellence for Labor Market Research (LA COE) prepared this report to provide regional labor market supply and demand data related to three middle-skill occupations:

- **Food Service Managers (11-9051):** Plan, direct, or coordinate activities of an organization or department that serves food and beverages.¹
- **Dietetic Technicians (29-2051):** Assist in the provision of food service and nutritional programs, under the supervision of a dietitian. May plan and produce meals based on established guidelines, teach principles of food and nutrition, or counsel individuals.²
- **First-Line Supervisors of Food Preparation and Serving Workers (35-1012):** Directly supervise and coordinate activities of workers engaged in preparing and serving food.³

Middle-skill occupations typically require some postsecondary education, but less than a bachelor's degree.⁴ This report is intended to help determine whether there is demand in the local labor market that is not being met by the supply from community college programs that align with the relevant occupations.

¹ [11-9051.00 - Food Service Managers \(ononline.org\)](https://ononline.org/occupation/11-9051.00)

² [29-2051.00 - Dietetic Technicians \(ononline.org\)](https://ononline.org/occupation/29-2051.00)

³ [35-1012.00 - First-Line Supervisors of Food Preparation and Serving Workers \(ononline.org\)](https://ononline.org/occupation/35-1012.00)

⁴ 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.

Based on the available data, there appears to be a supply gap in the region for the three occupations of interest. Although all three occupations of interest have entry-level wages below the self-sufficiency standard wage in both Los Angeles and Orange counties, more than one-third of current workers in the field have completed some college or an associate degree. **Therefore, due to some of the criteria being met, the LA COE endorses this proposed program.** Detailed reasons include:

Demand:

- **Supply Gap Criteria** – Over the next five years, **8,574 jobs are projected to be available annually** in the region due to new job growth and replacements, **which is more than the three-year average of 186 awards conferred** by educational institutions in the region.
- **Living Wage Criteria** – In Los Angeles County, all three occupations of interest have entry-level wages **below** the self-sufficiency standard wage (\$18.10/hour).⁵
- **Educational Criteria** – In the LA/OC region, **99% of the annual job openings** for the occupations of interest **typically require a high school diploma or equivalent.**
 - However, national-level educational attainment data indicates that **between 36% and 41% of workers in the field have completed some college or an associate degree.**

Supply:

- Between 2018 and 2021, **17 community colleges** in the greater LA/OC region issued awards in programs that have historically trained for the occupations of interest, conferring an average of **183 awards.**
- Between 2017 and 2020, one institution in the greater LA/OC region conferred an average of **three (3) awards in relevant program(s).**

⁵ Self-Sufficiency Standard wage data was pulled from The Self-Sufficiency Standard Tool for California. For more information, visit: <http://selfsufficiencystandard.org/california>.

Occupational Demand

Exhibit 1 shows the five-year occupational demand projections for the three occupations of interest. In the greater Los Angeles/Orange County region, the number of jobs related to these occupations is projected to increase by 3% through 2026. There will be nearly 8,600 job openings per year through 2026 due to job growth and replacements.

Exhibit 1: Occupational demand in Los Angeles and Orange Counties⁶

Geography	2021 Jobs	2026 Jobs	2021-2026 Change	2021-2026 % Change	Annual Openings
Los Angeles	43,902	44,714	812	2%	6,151
Orange	16,048	17,018	970	6%	2,423
Total	59,950	61,732	1,782	3%	8,574

Wages

The labor market endorsement in this report considers the entry-level hourly wages for the three occupations 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 LA/OC region. Detailed wage information, by county, is included in Appendix A.

Los Angeles County — All three occupations have entry-level wages **below** the self-sufficiency standard wage for one adult (\$18.10 in Los Angeles County). Typical entry-level hourly wages are in a range between \$17.23 and \$17.97. Experienced workers can expect to earn wages between \$23.50 and \$29.33, which are above the self-sufficiency standard wage estimate.

Exhibit 2: Hourly Earnings for Occupations in Los Angeles County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Food Service Managers (11-9051)	\$17.49	\$27.64	\$29.33
Dietetic Technicians (29-2051)	\$17.23	\$18.17	\$23.50
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	\$17.97	\$18.76	\$28.61

Orange County — All three occupations have entry-level wages **below** the self-sufficiency standard wage for one adult (\$20.63 in Orange County). Typical entry-level hourly wages are in a range between \$17.00 and \$18.39. Experienced workers can expect to earn wages between \$23.59 and \$27.72, which are above the self-sufficiency standard wage estimate.

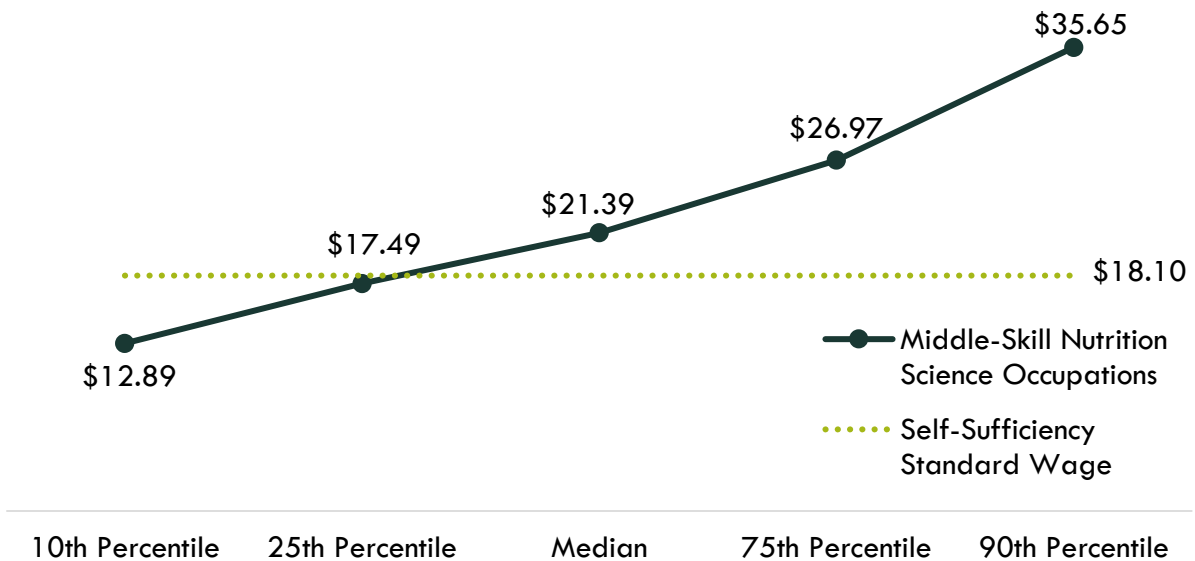
⁶ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

Exhibit 3: Hourly Earnings for Occupations in Orange County

Occupation	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Food Service Managers (11-9051)	\$18.39	\$27.09	\$27.72
Dietetic Technicians (29-2051)	\$17.30	\$18.23	\$23.59
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	\$17.00	\$17.78	\$27.07

On average, the entry-level hourly earnings for the occupations in this report is \$17.49; this is below the self-sufficiency standard wage estimate for one single adult in Los Angeles County (\$18.10). Exhibit 4 shows the average wages for the occupations in this report, from entry-level to experienced workers.

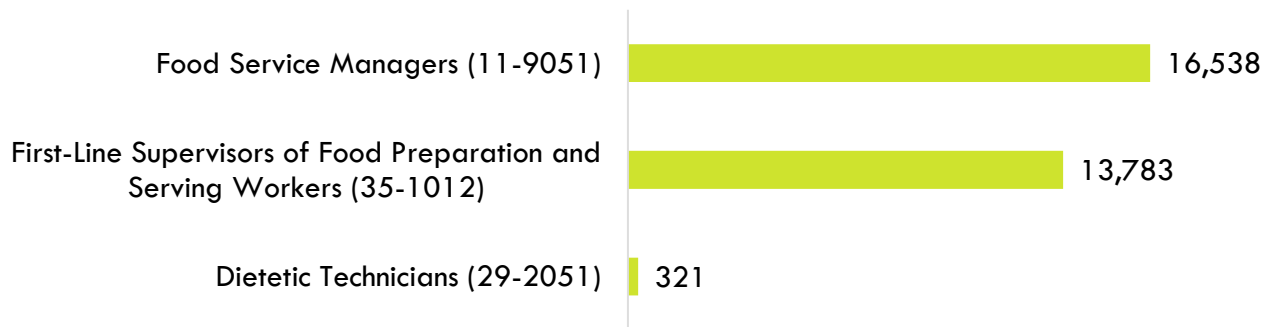
Exhibit 4: Average Hourly Earnings for Three Nutrition-Related Occupations in LA/OC



Job Postings

Over the past 12 months, there have been 30,642 online job postings related to the three occupations of interest. Exhibit 5 displays the number of job postings by occupation. The majority of job postings (54%) were for *food service managers*. The highest number of job postings were for shift leaders, general managers, assistant managers, restaurant managers, and assistant general managers. The top skills were restaurant management, food safety, cost control, restaurant operations, and food preparation. The top employers, by number of job postings, in the region were Starbucks Coffee Company, Taco Bell, and Jack in the Box.

Exhibit 5: Job postings by occupation (last 12 months)



Educational Attainment

The Bureau of Labor Statistics (BLS) lists the following typical entry-level education levels for the occupations in this report:

- **Associate degree:** *Dietetic technicians (29-2051)*
- **High school diploma or equivalent:** *Food service managers (11-9051) and First-line supervisors of food preparation and serving workers (35-1012)*

In the greater LA/OC region, nearly all of the annual job openings (99%) typically require a high school diploma or equivalent. However, national-level educational attainment data indicates that between 36% and 41% of workers in the field have completed some college or an associate degree.

Educational Supply

Community College Supply — Exhibit 6 shows the annual and three-year average number of awards conferred by community colleges in programs that have historically trained for the occupations of interest. The colleges with the most completions in the region are Long Beach, Orange Coast, and Saddleback.

Exhibit 6: Regional community college awards (certificates and degrees), 2018-2021

TOP	Program	College	2018-19 Awards	2019-20 Awards	2020-21 Awards	3-Year Average
1306.00	Nutrition, Foods, and Culinary Arts	Citrus	-	-	4	1
		East LA	14	23	18	18
		Glendale	3	6	-	3
		LA City	-	1	-	0
		LA Mission	4	4	7	5
		LA Southwest	-	-	2	1
		Long Beach	8	8	19	12
		Mt San Antonio	15	15	19	16
		Pasadena	2	2	10	5
		Rio Hondo	-	1	3	1
		Santa Monica	3	5	9	6
		West LA	4	2	4	3
		LA Subtotal	53	67	95	72
		Cypress	-	2	1	1
		Fullerton	6	8	17	10
		Orange Coast	17	20	17	18
		Saddleback	26	19	24	23
		Santa Ana	3	3	1	2
		OC Subtotal	52	52	60	55
		Supply Subtotal/Average			105	119
1306.20	Dietetic Services and Management	Glendale	14	16	12	14
		LA City	7	7	8	7
		Long Beach	8	5	8	7
		LA Subtotal	29	28	28	28
		Orange Coast	11	3	6	7
		OC Subtotal	11	3	6	7
Supply Subtotal/Average			40	31	34	35

TOP	Program	College	2018-19 Awards	2019-20 Awards	2020-21 Awards	3-Year Average
1306.60	Dietetic Technology	Long Beach	13	12	17	14
		LA Subtotal	13	12	17	14
		Orange Coast	13	2	8	8
		OC Subtotal	13	2	8	8
Supply Subtotal/Average			26	14	25	22
Supply Total/Average			171	164	214	183

Non-Community College Supply — For a comprehensive regional supply analysis, it is important to consider the supply from other institutions in the region that may provide training programs for the occupations of interest. Exhibit 7 shows the annual and three-year average number of awards conferred in the relevant program(s). Due to different data collection periods, the most recent three-year period of available data is from 2017 to 2020. Between 2017 and 2020, one institution in the region conferred an average of three (3) awards.

Exhibit 7: Regional non-community college awards, 2017-2020

CIP	Program	Institution	2017-18 Awards	2018-19 Awards	2019-20 Awards	3-Year Average
19.0501	Foods, Nutrition, and Wellness Studies, General	Brandman University	1	3	4	3
Supply Total/Average			1	3	4	3

Appendix A: Occupational demand and wage data by county

Exhibit 8. Los Angeles County

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Food Service Managers (11-9051)	13,535	13,237	(298)	(2%)	1,487	\$17.49	\$27.64	\$29.33
Dietetic Technicians (29-2051)	1,048	1,093	45	4%	84	\$17.23	\$18.17	\$23.50
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	29,320	30,384	1,064	4%	4,580	\$17.97	\$18.76	\$28.61
Total	43,902	44,714	812	2%	6,151	-	-	-

Exhibit 9. Orange County

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings (25 th Percentile)	Median Hourly Earnings	Experienced Hourly Earnings (75 th Percentile)
Food Service Managers (11-9051)	4,615	4,700	85	2%	537	\$18.39	\$27.09	\$27.72
Dietetic Technicians (29-2051)	287	301	14	5%	23	\$17.30	\$18.23	\$23.59
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	11,146	12,017	871	8%	1,863	\$17.00	\$17.78	\$27.07
Total	16,048	17,018	970	6%	2,423	-	-	-

Exhibit 10. Los Angeles and Orange Counties

Occupation (SOC)	2021 Jobs	2026 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Typical Entry-Level Education
Food Service Managers (11-9051)	18,149	17,937	(212)	(1%)	2,024	HS diploma or equivalent
Dietetic Technicians (29-2051)	1,335	1,395	60	4%	107	Associate degree
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	40,465	42,401	1,936	5%	6,443	HS diploma or equivalent
Total	59,950	61,732	1,782	3%	8,574	-

Appendix B: Sources

- O*NET Online
- Labor Insight (Burning Glass Technologies)
- Lightcast (formerly Emsi)
- Economic Modeling Specialists, International (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)

For more information, please contact:

Luke Meyer, Director
 Los Angeles Center of Excellence
Lmeyer7@mtsac.edu

