

Program Endorsement Brief: 1306.00/Nutrition, Foods, and Culinary Arts *Nutrition and Foods Certificate*

Orange County Center of Excellence, April 2019

Summary

The Orange County Center of Excellence for Labor Market Research (COE) prepared this report to provide regional labor market supply and demand data related to nutrition, foods, and culinary arts. 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 relevant occupations.

The following summarizes key findings from this data brief:

- The number of jobs for nutrition, foods, and culinary arts occupations is projected to **increase by 11% through 2023**. Over **6,000 job openings** will be available annually due to new job growth and replacement need.
- In the past 12 months, there were **7,726 online job postings** for nutrition, foods, and culinary arts occupations in Los Angeles and Orange Counties.
- **11 community colleges** in the region have nutrition, foods, and culinary arts programs. Seven colleges are located in Los Angeles County and four colleges are located in Orange County.
- Between 2015 and 2018, community colleges in the region **conferred an average of 60 awards annually** (associate degrees and certificates) in related training programs under the same TOP code.
- **Four related program recommendation requests under the same TOP Code (1306.00)** were received between January 2018 and March 2019.

Occupational Demand

Exhibit 1 shows the five year occupational demand projections for the two nutrition, foods, and culinary arts occupations included in this report. In Los Angeles/Orange County region, the number of jobs related to nutrition, foods, and culinary arts occupations is projected to increase by 11% through 2023. There will be 6,063 job openings per year through 2023.

Exhibit 1: Occupational demand in Los Angeles and Orange Counties¹

Geography	2018 Jobs	2023 Jobs	2018-2023 Change	2018-2023 % Change	Annual Openings
Los Angeles	27,440	30,428	2,988	11%	4,558
Orange	8,868	9,908	1,040	12%	1,504
Total	36,308	40,336	4,028	11%	6,063

Wages—Average entry-level and median hourly wages for nutrition, foods, and culinary arts occupations in the region are \$11.01 and \$14.66, respectively. Average entry-level wages for

¹ Five-year change represents new job additions to the workforce. Annual openings include new jobs and replacement jobs that result from retirements and separations.

these occupations are lower than the MIT Living hourly wage estimate for one adult in the region (\$14.36 in Los Angeles County, \$15.85 in Orange County). On average, experienced workers earn between \$23.92 and \$27.05, which is higher than the living wage estimate. Regional average wages are below the average statewide wage of \$17.30 for these occupations. Wage information, by county, is included in Appendix A.

Job Postings—There were 7,726 online job postings related to nutrition, foods, and culinary occupations listed in the past 12 months. The highest number of job postings were for shift leader, supervisor, and nutrition assistant. The top specialized skills were: customer service, scheduling, and food safety. The top three employers, by number of job postings, in the region were: Starbucks Coffee Company, Marriott International Incorporated, and El Pollo Loco, Inc.

Educational Attainment—The Bureau of Labor Statistics (BLS) lists high school diploma or associate degree as the typical entry-level education required for the nutrition, foods, and culinary arts occupations included in this report. The national-level educational attainment data indicates that between 39.1% and 55.6% of workers in the field have completed some college or an associate degree. Of the 29% of job postings listing a minimum education requirement in Los Angeles/Orange County, 94% (2,128) request a high school diploma or vocational training and 6% (136) request an associate degree.

Community College Supply

Exhibit 2 shows the three-year average number of awards conferred by community colleges in the related TOP code: Nutrition, Foods, and Culinary Arts (1306.00). The college with the most completions in the region is Saddleback. Between January 2018 and March 2019, there were four other related program recommendation requests from regional community colleges.

Exhibit 2: Regional community college awards (certificates and degrees), 2015-2018

TOP Code	Program	College	2015-16 Awards	2016-17 Awards	2017-2018 Awards	3-Year Award Average
1306.00	Nutrition, Foods, and Culinary Arts	East LA	-	-	7	2
		Fullerton	-	2	9	4
		Glendale	-	19	4	8
		LA Mission	2	2	3	2
		Long Beach	-	-	2	1
		Mt San Antonio	16	10	10	12
		Orange Coast	2	16	9	9
		Saddleback	13	17	23	18
		Santa Ana	3		3	2
		Santa Monica	-	1	5	2
		West LA	-	-	1	0
		Total/Average	36	67	76	60

Appendix A: Occupational demand and wage data by county

Exhibit 3. Los Angeles County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Dietetic Technicians (29-2051)	1,428	1,546	118	8%	138	\$10.58	\$12.96	\$23.41
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	26,011	28,882	2,871	11%	4,420	\$11.00	\$14.61	\$26.34
	27,440	30,428	2,988	11%	4,558			

Exhibit 4. Orange County

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Dietetic Technicians (29-2051)	277	309	32	12%	29	\$12.37	\$17.71	\$25.62
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	8,591	9,599	1,008	12%	1,476	\$11.16	\$15.01	\$28.37
	8,868	9,908	1,040	12%	1,504			

Exhibit 5. Los Angeles and Orange Counties

Occupation (SOC)	2018 Jobs	2023 Jobs	5-Yr Change	5-Yr % Change	Annual Openings	Entry-Level Hourly Earnings	Median Hourly Earnings	Experienced Hourly Earnings
Dietetic Technicians (29-2051)	1,705	1,855	150	9%	167	\$10.61	\$13.44	\$23.92
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	34,603	38,481	3,878	11%	5,896	\$11.03	\$14.72	\$27.05
	36,308	40,336	4,028	11%	6,063			

Appendix B: Sources

- O*NET Online
- Labor Insight/Jobs (Burning Glass)
- Economic Modeling Specialists, International (EMSI)
- Bureau of Labor Statistics (BLS)
- Employment Development Department, Labor Market Information Division, OES
- Employment Development Department, Unemployment Insurance Dataset
- Living Insight Center for Community Economic Development
- California Community Colleges Chancellor's Office Management Information Systems (MIS)
- MIT Living Wage
- Chancellor's Office Curriculum Inventory (COCI 2.0)

For more information, please contact:

Jesse Crete, Director
Center of Excellence, Orange County
crete_jesse@rsccd.edu

April 2019

