

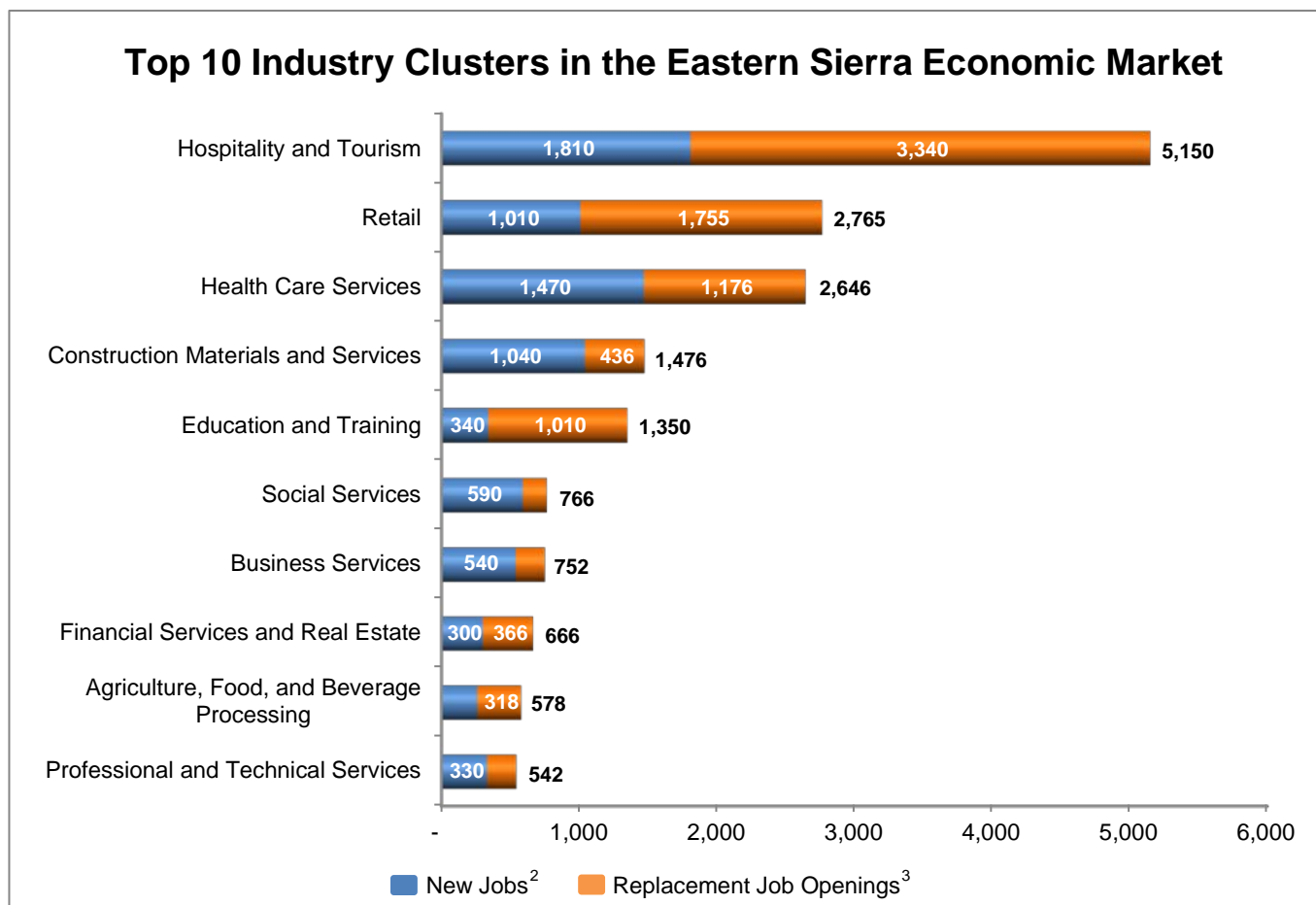
## Eastern Sierra Economic Market: Reaching New Heights

Amador, Calaveras, Inyo, Mariposa, Mono, and Tuolumne Counties

As part of the California Employment Development Department's 2015 Labor Day campaign, we highlight our *Regional Economic Analysis Profiles*. Each profile focuses on future employment demand of regional industry clusters and features them as primary investment opportunities for the California workforce development system. The goal of each profile is to identify industry clusters and associated occupations with the largest number of total projected job openings.<sup>1</sup>

### Why Industry Clusters?

Industry clusters are groups of associated industries in an economic market that stimulate the creation of new businesses and job opportunities in a particular field. The application of workforce and economic development resources toward the continual development of industry clusters will help stimulate economic growth and boost the number of employment opportunities for the labor force. To view complete *Regional Economic Analysis Profiles*, go to [www.labormarketinfo.edd.ca.gov/Regional\\_Economic\\_Analysis\\_Profiles.html](http://www.labormarketinfo.edd.ca.gov/Regional_Economic_Analysis_Profiles.html).



Source: California Employment Development Department, *Projections of Employment 2012-2022*. Industry and occupational employment projections for 2012-2022 in this report are not directly comparable to the published 2012-2022 employment projections available online at [www.labormarketinfo.edd.ca.gov](http://www.labormarketinfo.edd.ca.gov).

<sup>1</sup> Total projected job openings are the sum of new jobs and replacement job openings.

<sup>2</sup> New jobs are only openings due to growth and do not include job decline. If an occupation's employment change is negative, there is no job growth and new jobs are set to zero.

<sup>3</sup> Replacement job openings estimate the number of job openings created when workers retire or permanently leave an occupation and need to be replaced.

## Hospitality and Tourism Cluster — Top Occupations by Education Level

The table below identifies top occupations with the most total projected job openings, categorized by entry-level education requirements, within the Hospitality and Tourism cluster. This industry cluster includes interrelated industries such as eating establishments, hotels and motels, casinos, museums, and sightseeing transportation. The table shows total projected job openings and median hourly and annual wages in the economic market. Also included are online job advertisements for the Eastern Sierra Economic Market, extracted from The Conference Board Help Wanted OnLine™ (HWOL) data series over a recent 120-day period.

Occupations	Total Projected 2012-2022 Job Openings <sup>4</sup>	2015 Median Hourly Wage <sup>5</sup>	2015 Median Annual Wage <sup>5</sup>	Job Ads <sup>6</sup>
<b>Requires a Bachelor's Degree or Higher</b>				
General and Operations Managers	49	\$36.28	\$75,449	23
Coaches and Scouts	25	N/A	\$40,269	8
Recreation Workers	22	\$10.55	\$21,936	19
Accountants and Auditors	16	\$27.09	\$56,339	36
Sales Managers	12	\$28.21	\$58,682	15
<b>Requires Some College, Postsecondary Non-Degree Award, or Associate's Degree</b>				
Massage Therapists	13	\$18.17	\$37,794	2
Electric Motor, Power Tool, and Related Repairers	3	\$14.84	\$30,881	1
Computer User Support Specialists	3	\$21.44	\$44,585	63
Skincare Specialists	1	N/A	N/A	2
<b>Requires a High School Diploma or Equivalent or Less</b>				
Waiters and Waitresses	956	\$9.21	\$19,165	30
Combined Food Preparation and Serving Workers, Including Fast Food	427	\$9.62	\$20,004	45
Maids and Housekeeping Cleaners	330	\$10.77	\$22,416	45
Cooks, Restaurant	328	\$12.84	\$26,705	48
Hotel, Motel, and Resort Desk Clerks	284	\$11.34	\$23,588	18

### Common Skills and Work Activities

Grouping occupations by education levels allows individuals to better gauge the potential for skills transference and upward mobility within the Hospitality and Tourism cluster. Workers employed within this cluster span all skill levels and share skills and work activities both within the cluster and in many other industry clusters. According to the U.S. Department of Labor's Occupational Information Network (O\*NET), the most commonly shared skills for the occupations listed above include critical thinking, active listening, monitoring, speaking, and reading comprehension.

In addition to shared skills, these occupations also have many work activities in common. These include establishing and maintaining interpersonal relationships; organizing, planning, and prioritizing work; and communicating with supervisors, peers, or subordinates.

<sup>4</sup> For the 2012-2022 period, the total projected job openings reflect the sum of new and replacement jobs.

<sup>5</sup> EDD/LMID Occupational Employment Statistics; Median wage is the point at which half of workers earn more and half earn less. The wages are from the 2015 first quarter and do not include self-employed or unpaid family workers.

<sup>6</sup> The data from The Conference Board Help Wanted OnLine™ (HWOL) data series reflects occupations with the highest number of online job advertisements in 120 day period ending August 5, 2015.

## Retail Cluster — Top Occupations by Education Level

The table below identifies top occupations with the most total projected job openings, categorized by entry-level education requirements, within the Retail cluster. This cluster includes industries involved in the sales of goods both familiar and esoteric, everything from groceries and automobiles to musical instruments and surfboards. The table shows total projected job openings and median hourly and annual wages in the economic market. Also included are online job advertisements for the Eastern Sierra Economic Market, extracted from The Conference Board Help Wanted OnLine™ (HWOL) data series over a recent 120-day period.

Occupations	Total Projected 2012-2022 Job Openings <sup>7</sup>	2015 Median Hourly Wage <sup>8</sup>	2015 Median Annual Wage <sup>8</sup>	Job Ads <sup>9</sup>
<b>Requires a Bachelor's Degree or Higher</b>				
Pharmacists	36	\$67.26	\$139,886	12
General and Operations Managers	34	\$36.28	\$75,449	23
Sales Managers	4	\$28.21	\$58,682	15
Cost Estimators	3	\$24.84	\$51,648	0
Accountants and Auditors	3	\$27.09	\$56,339	36
<b>Requires Some College, Postsecondary Non-Degree Award, or Associate's Degree</b>				
Heavy and Tractor-Trailer Truck Drivers	16	\$20.01	\$41,623	73
Computer User Support Specialists	12	\$21.44	\$44,585	63
First-Line Supervisors of Production and Operating Workers	11	\$28.63	\$59,550	14
Computer, Automated Teller, and Office Machine Repairers	10	N/A	N/A	0
<b>Requires a High School Diploma or Equivalent or Less</b>				
Cashiers	944	\$11.23	\$23,357	32
Retail Salespersons	502	\$11.84	\$24,620	67
Stock Clerks and Order Fillers	225	\$10.59	\$22,042	38
First-Line Supervisors of Retail Sales Workers	206	\$18.36	\$38,183	61
Combined Food Preparation and Serving Workers, Including Fast Food	97	\$9.62	\$20,004	45

### Common Skills and Work Activities

Grouping occupations by education levels allows individuals to better gauge the potential for skills transference and upward mobility within the Retail cluster. Workers employed within this cluster span all skill levels and share skills and work activities both within the cluster and in many other industry clusters. According to the U.S. Department of Labor's Occupational Information Network (O\*NET), the most commonly shared skills for the occupations listed above include critical thinking, speaking, monitoring, reading comprehension, and active listening.

In addition to shared skills, these occupations also have many work activities in common. These include establishing and maintaining interpersonal relationships; communicating with supervisors, peers, or subordinates; and organizing, planning, and prioritizing work.

<sup>7</sup> For the 2012-2022 period, the total projected job openings reflect the sum of new and replacement jobs.

<sup>8</sup> EDD/LMID Occupational Employment Statistics; Median wage is the point at which half of workers earn more and half earn less. The wages are from the 2015 first quarter and do not include self-employed or unpaid family workers.

<sup>9</sup> The data from The Conference Board Help Wanted OnLine™ (HWOL) data series reflects occupations with the highest number of online job advertisements in 120 day period ending August 5, 2015.

## Health Care Services Cluster — Top Occupations by Education Level

The table below identifies top occupations with the most total projected job openings, categorized by entry-level education requirements, within the Health Care Services cluster. This industry cluster includes hospitals and doctors' offices, diagnostic laboratories, continuing care retirement communities, home health care services, and other activities related to health care. The table shows total projected job openings and median hourly and annual wages in the economic market. Also included are online job advertisements for the Eastern Sierra Economic Market, extracted from The Conference Board Help Wanted OnLine™ (HWOL) data series over a recent 120-day period.

Occupations	Total Projected 2012-2022 Job Openings <sup>10</sup>	2015 Median Hourly Wage <sup>11</sup>	2015 Median Annual Wage <sup>11</sup>	Job Ads <sup>12</sup>
<b>Requires a Bachelor's Degree or Higher</b>				
Medical and Health Services Managers	62	\$55.32	\$115,067	36
Physical Therapists	40	\$45.81	\$95,285	179
Medical Scientists, Except Epidemiologists	21	\$42.58	\$88,566	8
Speech-Language Pathologists	16	\$43.13	\$89,723	185
Nurse Practitioners	16	\$60.97	\$126,814	4
<b>Requires Some College, Postsecondary Non-Degree Award, or Associate's Degree</b>				
Registered Nurses	484	N/A	N/A	301
Nursing Assistants	152	\$14.52	\$30,197	18
Medical Assistants	108	\$15.93	\$33,141	23
Licensed Practical and Licensed Vocational Nurses	84	\$25.63	\$53,302	45
Dental Assistants	75	\$20.40	\$42,431	21
<b>Requires a High School Diploma or Equivalent or Less</b>				
Medical Secretaries	147	\$17.71	\$36,852	19
Home Health Aides	122	\$11.65	\$24,240	15
Maids and Housekeeping Cleaners	52	\$10.77	\$22,416	45
First-Line Supervisors of Office and Administrative Support Workers	49	\$24.36	\$50,665	49
Personal Care Aides	49	\$9.56	\$19,889	31

### Common Skills and Work Activities

Grouping occupations by education levels allows individuals to better gauge the potential for skills transference and upward mobility within the Health Care Services cluster. Workers employed within this cluster span all skill levels and share skills and work activities both within the cluster and in many other industry clusters. According to the U.S. Department of Labor's Occupational Information Network (O\*NET), the most commonly shared skills for the occupations listed above include active listening, critical thinking, reading comprehension, monitoring, social perceptiveness, and speaking.

In addition to shared skills, these occupations also have many work activities in common. These include establishing and maintaining interpersonal relationships; organizing, planning, and prioritizing work; and identifying objects, actions, and events.

<sup>10</sup> For the 2012-2022 period, the total projected job openings reflect the sum of new and replacement jobs.

<sup>11</sup> EDD/LMID Occupational Employment Statistics; Median wage is the point at which half of workers earn more and half earn less. The wages are from the 2015 first quarter and do not include self-employed or unpaid family workers.

<sup>12</sup> The data from The Conference Board Help Wanted OnLine™ (HWOL) data series reflects occupations with the highest number of online job advertisements in 120 day period ending August 5, 2015.