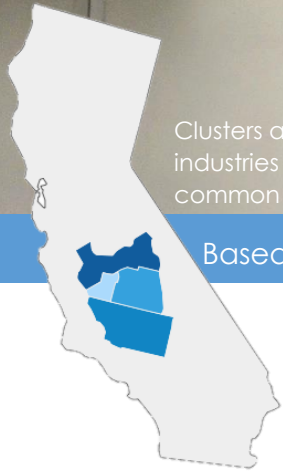


# HEALTH CARE

## Industry Cluster Profile



Clusters are geographic concentrations of firms and industries that do business with each other and have common needs for talent, technology, and infrastructure.

Based on labor market information from Tulare, Kings, Kern, and Fresno Counties\*\*

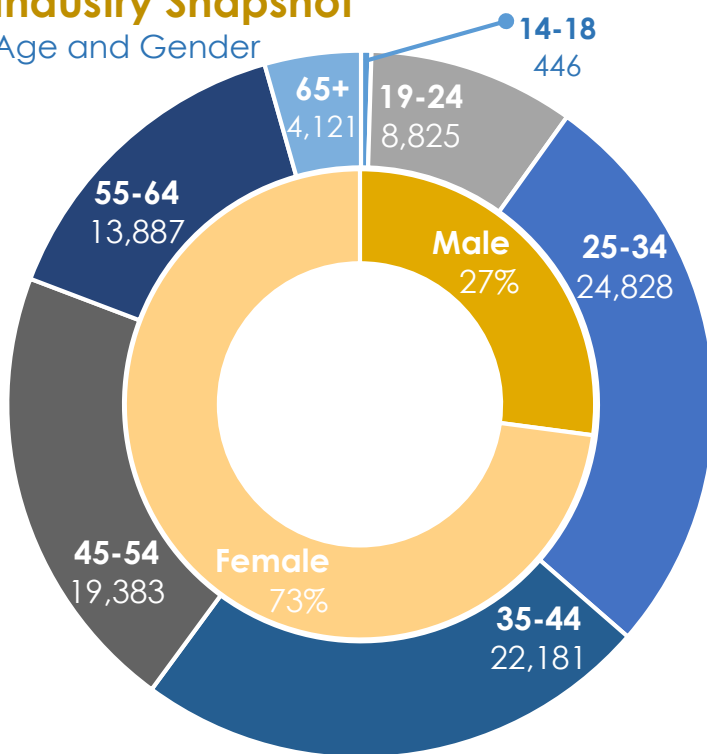
**93,671**  
Jobs

**+25.9%**  
Since 2010

**\$65,805**  
Median Earnings

### Industry Snapshot

Age and Gender



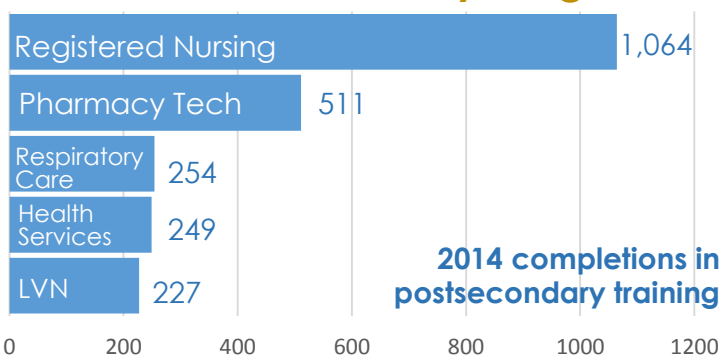
**12,350** Unique  
Job Postings in 2015

### Top 5 Occupational Groups

Filters: Median Hourly Earnings or Equal to \$16.00, Employed in Industry Group (2015) Greater or Equal to 50

Group	Sample Careers	Employed in Industry in 2015
Health Practitioners & Technicians	Licensed Health Care Practitioner, LVN, Pharmacy Tech, Registered Nurse	<b>33,018</b>
Office and Administrative Support	Accounting, Administrative Assistant, Office Supervisors	<b>6,352</b>
Management	Financial Manager, Health Services Manager	<b>2,863</b>
Community and Social Service	Mental Health and Substance Abuse Social Worker	<b>2,856</b>
Healthcare Support	Medical Equipment Preparer, Orderlies, Support Workers	<b>1,317</b>

### Related Postsecondary Programs



<sup>1</sup> Office Administrative and Support Occupations and Support Occupations and Business and Financial Operations Occupations merged into one group in this report to align with local industry.

For more information, refer to the 2015 Tulare County WIB Health Care Staffing Patterns Report.

## Postsecondary Training Programs

<b>A.T. Still University in Arizona</b>	Primary Care Physician, Physician Assistant
<b>Adult Schools</b> (Hanford, Tulare, Porterville, Visalia)	Administrative Medical Assistant, Certified Nursing Assistant, Clinical Medical Assistant, Home Health Aide, Licensed Vocational Nurse, Medical Billing, Phlebotomy, Restorative Nursing Assistant
<b>Community Colleges</b> (College of the Sequoias, Porterville College, Reedley College, West Hills College)	Administrative Medical Assistant, Certified Nursing Assistant, Clinical Medical Assistant, Dental Assistant, Emergency Medical Technician, EKG/ECG Technician, Health Care Interpreter, Home Health Aide, Licensed Vocational Nurse, Pharmacy Technician, Physical Therapy Assistant, Psychiatric Technician, Registered Nurse, Sterile Processing Technician
<b>Fresno State University</b>	Medical Business, Occupational Therapy, Physician Assistant, Physical Therapy(B.S., DPT), Public Health, Registered Nursing, Bachelors of Science in Nursing, Nurse Practitioner
<b>Kaweah Delta Residency Program</b>	Independent Licensed Practitioners
<b>Lutheran Dental</b>	Dental Practitioners
<b>Local Private Postsecondary</b> (Brandman University, Career Development Institute, Fresno Pacific University, Milan, San Joaquin Valley College)	Administrative Medical Assistant, Certified Nursing Assistant, Clinical Medical Assistant, Dental Assistant, Dental Hygiene, Health Administration, Licensed Vocational Nurse, Medical Billing, Pre-Physical/Occupational Therapy, Nurse Practitioner, Pharmacy Technician, Pharmacy Technology, Registered Nurse, Respiratory Therapy

Survey results from local health care employers in the Visalia/Tulare area representing 6,165 jobs, 2015

### Positions Identified as Most Difficult to Fill

#### Administrative Medical Assistants

Lack of Qualified Candidates

#### Certified Nursing Assistants

High Turnover/Transition to Nursing

#### Department Directors

Requires Experience/Education, Increase in Retirement

#### Dietary Positions

High Turnover

#### Housekeeping

High Turnover

#### Licensed Health Care Practitioner

including Licensed Independent Practitioners

(Ex.: Dentist, Nurse Practitioner, Pharmacist, Physician, Physician's Assistant)

National & Local Shortage

#### Information Technology Positions

Requires Customer Service Skills, Specialty/Cross Training

#### Medical Assistants

Lack of Qualified Candidates

#### Physical Therapists

Lack of Qualified Candidates

#### Registered Nurses

Requires Experience, High Competition for Qualified Candidates,

Requires Specialty Training

### Applied Skills Gaps Identified



#### \*\*Industry Data

EMSI industry data have various sources depending on the class of worker. (1) For QCEW Employees, EMSI primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Non employer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

#### Input-Output Data

The input-output model in this report is EMSI's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several EMSI in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

#### Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment statistics.

#### Infogroup Business-Level Data

Data for individual businesses is provided by Infogroup, which maintains a database of more than 16 million U.S. business entities. Note that in aggregate it will not be consistent with EMSI labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

#### State Data Sources

This report uses state data from the following agencies: California Labor Market Information Department