

07

**Gap Analysis
Overview**



Gap Analysis in Target Industries

SEVERE SHORTAGE

Accountants & Tax Examiners
 Financial Managers, Analysts & Advisors
 Software Developers
 Doctors, Pharmacists, Surgeons & Psychiatrists
 Banking Analysts
 Ship/Marine Engineers
 Industrial Engineers

BALANCE

Registered Nurses
 Environmental Science Technician
 Computer Support Technicians
 Civil Engineers
 Supply Chain Managers & Analysts
 Mechanical Drafters
 Surgical Technologists
 Medical & Lab Techs
 Medical Records & Health Information Technicians

SHORTAGE

LPNs and LVNs
 Rad. Tech/MRI/Sonographers
 Industrial Production Technicians
 Aerospace Engineers
 Industrial Engineering Technicians
 Computer Systems & Info Security Analysts
 Environmental Scientists & Engineers
 Computer Network Administrators
 Dental Hygienists
 Web Developers
 Electrical & Electronics Engineers

SURPLUS

Welders
 Chemical Technicians
 Mechanical Engineering Technicians
 Commercial Divers & Instructors
 Biological Technicians
 Medical & Health Services Managers



Gap Analysis in Target Industries

UNKNOWN

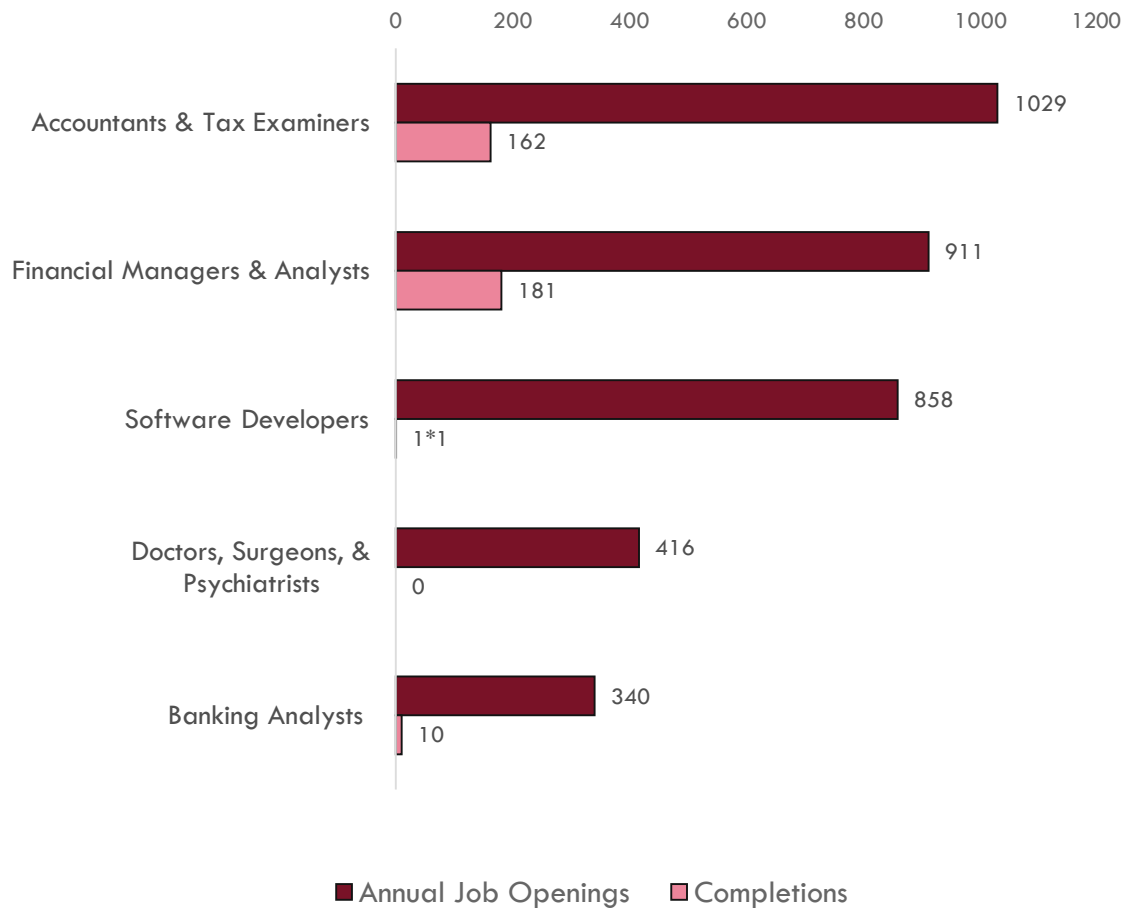
Truck & Commercial Drivers
Nursing Aides
Home Health Aides
Law Enforcement,
Precision Equipment Repair
Auto Mechanics
Electricians
Medical Assistants
Industrial Machinery Maintenance
Machinists

For the Gap Analysis, we have included an “unknown” category for occupations that do not have non-credit, for-profit institution data. The occupations listed here are considered “unknown,” as they have large demand for workers but an unknown level of certificate output (in order of most job openings).



Gap Analysis – Severe Shortage

Annual Openings vs. Completions



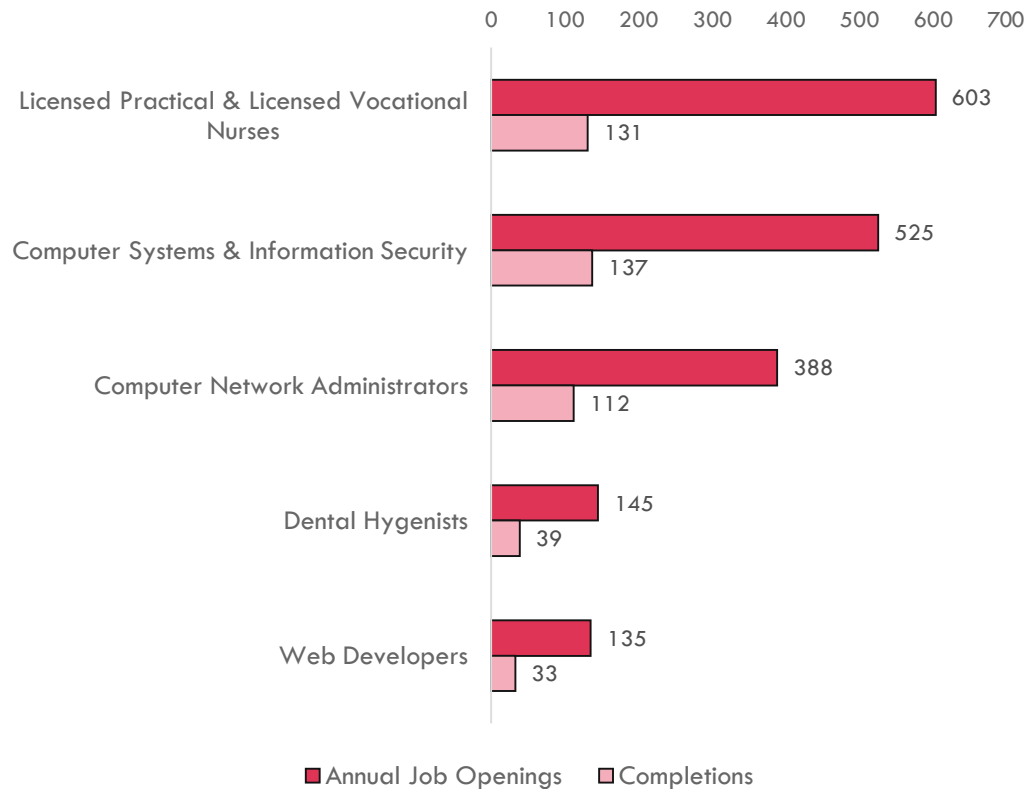
The most severe occupation shortage is Accountants & Tax Examiners, with 1,029 Annual Job Openings and only 162 completions.

Of the regional target industries, the primary industries that have the most severe shortages and largest percent of Annual Job Openings include Financial Services at 46.1%, followed by Health and Biomedical at 25.6% and IT and Innovation at 20.8%



Gap Analysis – Shortage

Annual Openings vs. Completions

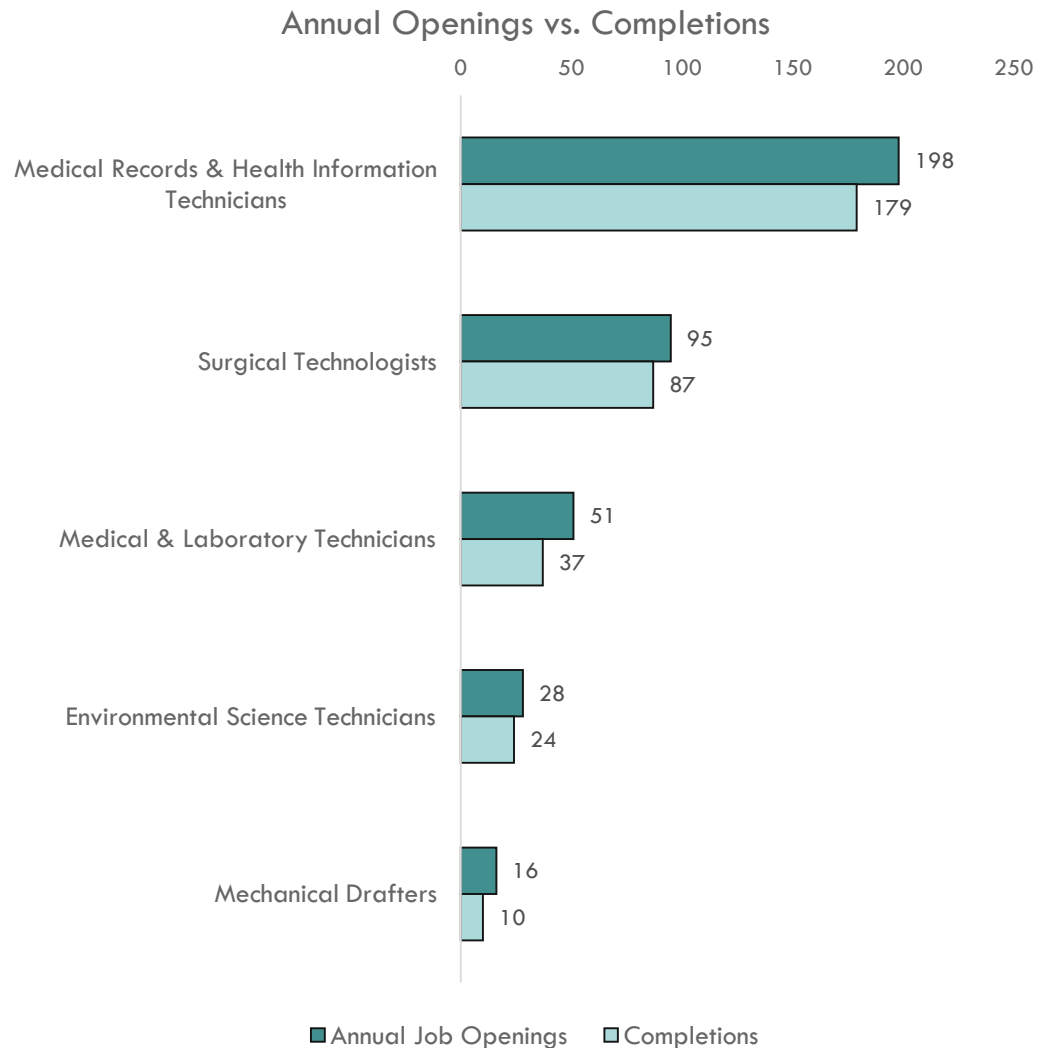


The top occupation with an average, or less severe shortage, is Licensed Practical and Licensed Vocational Nurses (LPN's and LVN's) with 603 job openings and 131 completions in the region.

The region has these shortages in industries that include IT and Innovation at more than half (53.8%), Health and Biomedical at 37.8%, and Advanced Manufacturing at 8.3%



Gap Analysis – Balanced

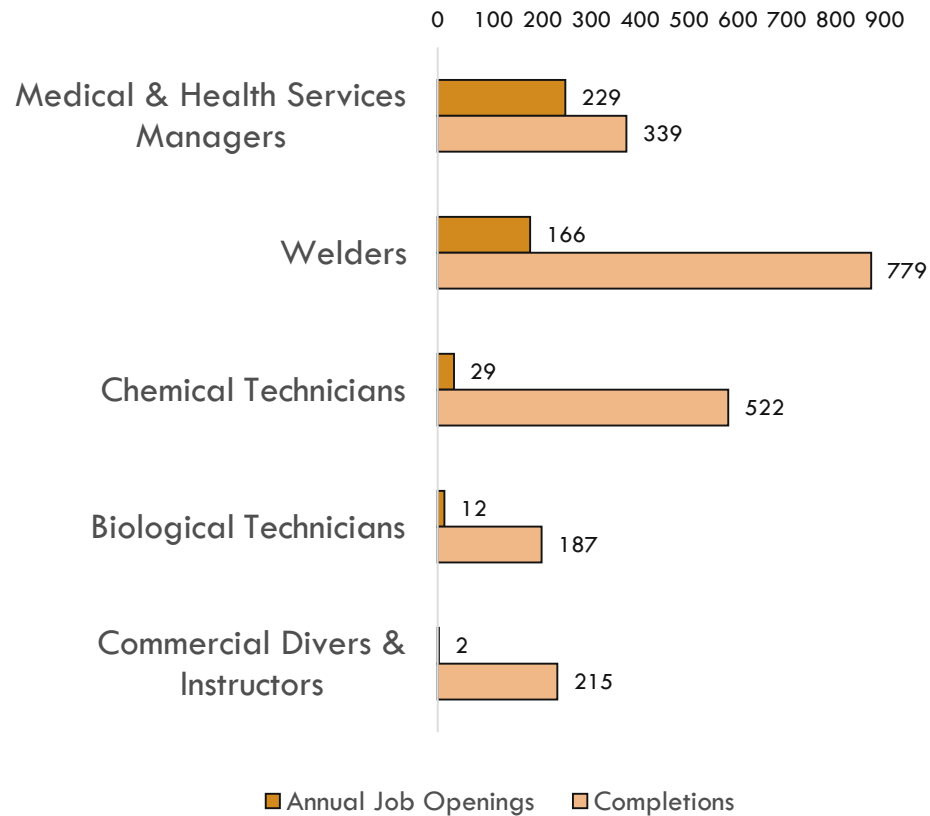


The top five occupations within the target industries that are considered balanced include Environmental Science Technicians with 28 job openings, followed by Mechanical Drafters with 16 job openings.

The primary industries in the region that have these balances are Health and Biomedical at 76.6%, IT and Innovation at 13.7%, and Advanced Manufacturing at 9.7%

Gap Analysis – Surplus

Annual Job Openings vs. Completions



The occupations with the largest surplus in the region includes Welders, with 166 annual job openings and 779 completions and Chemical Technicians, with 29 annual job openings and 522 completions.

The primary regional target industries that include surpluses are Health and Biomedical at 68.2% and Advanced Manufacturing at 31.8%