

# Regional Data- Credentials Gap

**Credential Gap** is the difference between credentials produced and the total job opening and related job openings.

When the credential gap is less than zero, this indicated a lack of credentials being produced to meet the demands of a given occupation.

When the credential gap is greater than zero this indicates a greater supply of related credentials.

Credential Gap = Job Openings + Related Job Openings - Credentials Produced

- The data is filtered to only include the following:
  - Associate
  - Bachelor
  - Apprenticeship
  - Postsecondary nondegree

# King County – Information Technology

| Occupation Title                            | Job Openings | Related Jobs | Credential Gap |
|---|--------------|--------------|----------------|
| Software Developers, Applications           | 9870         | 8486         | -16817         |
| Computer Occupations, All Other             | 2257         | 0            | -1263          |
| Software Developers, Systems Software       | 1764         | 16602        | -16665         |
| Computer Systems Analysts                   | 1710         | 15456        | -16530         |
| Computer User Support Specialists           | 1608         | 1078         | -2664          |
| Web Developers                              | 1080         | 15925        | -15975         |
| Network and Computer Systems Administrators | 720          | 4814         | -5148          |
| Computer Network Support Specialists        | 297          | 20323        | -19118         |
| Database Administrators                     | 200          | 5342         | -5164          |

# King County – Manufacturing/ Adv Mfg

| Occupation Title                                   | Job Openings | Related Jobs | Credential Gap |
|--|--------------|--------------|----------------|
| Software Developers, Systems Software              | 1764         | 16602        | -16665         |
| Computer User Support Specialists                  | 1608         | 1078         | -2664          |
| Industrial Machinery Mechanics                     | 224          | 9            | -202           |
| Computer Hardware Engineers                        | 180          | 11711        | -11841         |
| Electrical and Electronics Engineering Technicians | 88           | 0            | -4             |
| Electrical and Electronics Drafters                | 36           | 228          | -135           |

# King County – Health Science

| Occupation Title                                  | Job Openings | Related Jobs | Credential Gap |
|---|--------------|--------------|----------------|
| Registered Nurses                                 | 2079         | 200          | -993           |
| Dental Hygienists                                 | 225          | 0            | -149           |
| Licensed Practical and Licensed Vocational Nurses | 182          | 0            | -131           |
| Radiologic Technologists                          | 120          | 12           | -37            |
| Surgical Technologists                            | 111          | 0            | -47            |
| Health Technologists and Technicians, All Other   | 102          | 0            | -95            |
| Respiratory Therapists                            | 78           | 0            | -54            |
| Dietitians and Nutritionists                      | 72           | 168          | -131           |
| Diagnostic Medical Sonographers                   | 48           | 0            | -14            |

# King County – Architecture and Construction

| Occupation Title  | Job Openings | Related Jobs | Credential Gap |
|---|--------------|--------------|----------------|
| Electricians  | 1080         | 0            | -342           |
| Civil Engineers   | 493          | 259          | -420           |
| Heating, Air Conditioning, and Refrigeration Mechanics and Installers | 392          | 78           | -385           |
| Architects, Except Landscape and Naval                                | 380          | 48           | -314           |
| Civil Engineering Technicians   | 32           | 0            | -7             |

# Pierce County – Health Science

| Occupation Title                                | Job Openings | Related Jobs | Credential Gap |
|---|--------------|--------------|----------------|
| Registered Nurses                               | 825          | 33           | -477           |
| Physical Therapists                             | 68           | 0            | -29            |
| Radiologic Technologists                        | 65           | 8            | -59            |
| Dental Hygienists                               | 45           | 0            | -32            |
| Health Technologists and Technicians, All Other | 42           | 0            | -22            |
| Diagnostic Medical Sonographers                 | 25           | 0            | -11            |
| Nurse Practitioners                             | 24           | 814          | -840           |

# Pierce County – Architecture and Construction

| Occupation Title                        | Job Openings | Related Jobs | Credential Gap |
|---|--------------|--------------|----------------|
| Plumbers, Pipefitters, and Steamfitters | 164          | 0            | -15            |
| Cement Masons and Concrete Finishers    | 156          | 0            | -80            |
| Civil Engineers                         | 85           | 19           | -84            |
| Brickmasons and Blockmasons             | 48           | 0            | -18            |