

High Opportunity Occupations

Portland Region | Highlights 2016



Expected growth in mid-skill, mid-wage jobs holds promise for workers who are looking to earn a self-sufficient wage.

A new report, *Demographic Analysis of the Healthcare, Manufacturing, and Skilled Trades Industries*, produced for Partners in Diversity by PSU's Institute of Portland Metropolitan Studies, overlays demographic information for more than 200 occupations in 4 sectors in the Portland region. All occupations examined in the report require **no more than 2 years of post-high school education**.

Snapshot of Region's Full Workforce

For comparison, the following are characteristics of Portland's entire workforce in all job sectors:

- 35% have some college or an associate's degree
- 29% are age 50 or older
- 20% are Hispanic or a non-white race
- 10% are noncitizens
- 9% have no high school diploma
- 8% are English language learners

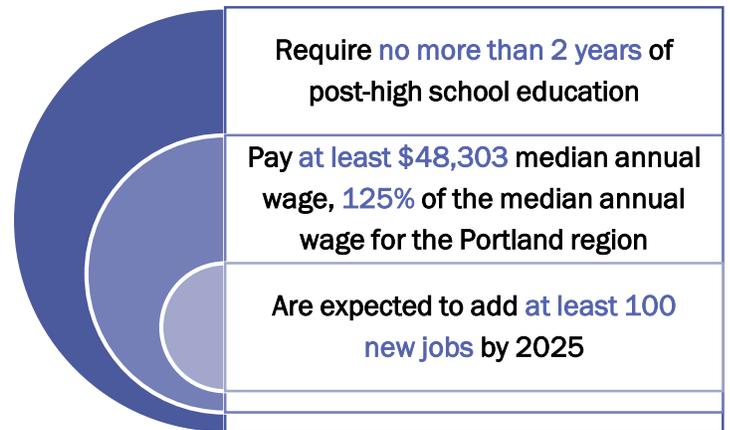
Read the full report at:

<http://www.pdx.edu/ims/publications>

The report is sponsored by Partners in Diversity, www.partnersindiversity.org

In addition to examining four sectors that have a total of 200 occupations that require no more than two years of education, the report zooms in on **28 High Opportunity Occupations** in those sectors.

High Opportunity Occupations:



In all High Opportunity Occupations, whites are overrepresented. People of color, noncitizens, and English language learners are underrepresented.

In the Portland region, many workers in High Opportunity Occupations have more education than the occupation requires.

Compared to the Region's Entire Workforce, Workers in These Four Sectors Are...

Construction & Extraction	Healthcare	Installation, Maintenance & Repair	Production
<ul style="list-style-type: none"> More likely to have no high school diploma More likely to be Hispanic or Asian More likely to be a noncitizen More likely to be young 	<ul style="list-style-type: none"> More likely to have some college More likely to be white Less likely to be Hispanic More likely to be a noncitizen 	<ul style="list-style-type: none"> More likely to have a high school diploma Less likely to be Asian More likely to be a citizen More likely to be older 	<ul style="list-style-type: none"> More likely to have no high school diploma More likely to be Hispanic or Asian More likely to be a noncitizen

Overview of Job Sectors in the Report

<h3>Construction & Extraction</h3> <ul style="list-style-type: none">41 occupations need no more than two years of post-high school education38 occupations will add jobs by 202510 are High Opportunity Occupations
<h3>Healthcare</h3> <ul style="list-style-type: none">41 occupations need no more than two years of post-high school education39 occupations will add jobs by 20259 are High Opportunity Occupations
<h3>Installation, Maintenance & Repair</h3> <ul style="list-style-type: none">46 occupations need no more than two years of post-high school education45 occupations will add jobs by 20257 are High Opportunity Occupations
<h3>Production</h3> <ul style="list-style-type: none">94 occupations need no more than two years of post-high school education82 occupations will add jobs by 20252 are High Opportunity Occupations

Greatest Expected Job Growth

Top Ten High Opportunity Occupations
New Jobs by 2025

- 3,254 Registered nurses
- 1,125 Electricians
- 1,044 First-line supervisors in constructions & extraction
- 710 Industrial machinery mechanics
- 702 Plumbers, pipefitters, and steamfitters
- 473 Dental hygienists
- 472 Sheet metal workers
- 460 First-line supervisors in production
- 401 Heating, air conditioning and refrigeration mechanics and installers
- 371 Massage therapists

12,000 New High Opportunity Jobs

In total, the 28 High Opportunity Occupations examined in the report are anticipated to add more than 12,000 new jobs within the next ten years. All of these jobs require no more than two years of post-high school education and pay 125% of the median annual wage for the Portland region. This job growth may signal new opportunities for workers who would like to earn a self-sufficient wage without making a costly investment in education.

Read the Full Report

Demographic Analysis of the Healthcare, Manufacturing, and Skilled Trades Industries is available online at <http://www.pdx.edu/ims/publications>

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The report includes detailed occupational profiles for more than 200 occupations in 4 sectors. All of the occupations require no more than 2 years of post-high school education. Occupational profiles include:

- Description of educational requirements
- Wage distribution
- Race and ethnicity of current workers
- Citizenship of current workers
- English Language Learners

The report also examines 28 High Opportunity Occupations across those four sectors. These occupations have low to moderate educational requirements, higher than average pay, and higher than average anticipated growth.

The report uses several data sources, including the U.S. Census Bureau's Equal Employment Opportunity (EEO) file, a special tabulation of the American Community Survey (ACS). The more recent EEO data file compiles ACS data from the years 2006 to 2010. The report also uses several other data sources to obtain information about occupations and English Language Learners. For more information about the methodology and data sources, see the Methodology section of the full report.