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THREE RIVERS WORKFORCE INVESTMENT BOARD

**Building and Grounds Cleaning
and Maintenance
in Allegheny County
2015-2025**



Building and Grounds Cleaning and Maintenance Occupations

Code	Description
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners
37-2012	Maids and Housekeeping Cleaners
37-2019	Building Cleaning Workers, All Other
37-2021	Pest Control Workers
37-3011	Landscaping and Groundskeeping Workers
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation
37-3013	Tree Trimmers and Pruners
37-3019	Grounds Maintenance Workers, All Other

Regions

Code	Description
42003	Allegheny County, PA

Timeframe

2015 - 2025

Datarun

2016.1 – QCEW Employees



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Building and Grounds Cleaning and Maintenance Occupations in Allegheny County, PA



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Occupation Summary for Building and Grounds Cleaning and Maintenance Occupations

19,654 Jobs (2015) 13% below National average	3.9% % Change (2015-2025) Nation: 13.7%	\$12.27/hr Median Hourly Earnings Nation: \$11.91/hr
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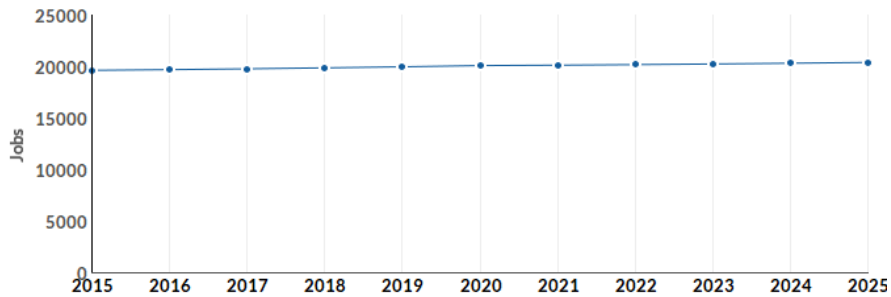


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Growth

19,654 2015 Jobs	20,423 2025 Jobs	769 Change (2015-2025)	3.9% % Change (2015-2025)
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Occupation	2015 Jobs	2025 Jobs	Change	% Change
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	640	654	14	2%
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	270	311	41	15%
Janitors and Cleaners, Except Maids and Housekeeping Cleaners (37-2011)	10,358	10,330	-28	0%
Maids and Housekeeping Cleaners (37-2012)	4,371	4,542	171	4%
Building Cleaning Workers, All Other (37-2019)	41	40	-1	-2%
Pest Control Workers (37-2021)	149	168	19	13%
Landscaping and Groundskeeping Workers (37-3011)	3,581	4,067	486	14%
Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)	39	44	5	13%
Tree Trimmers and Pruners	191	249	58	30%



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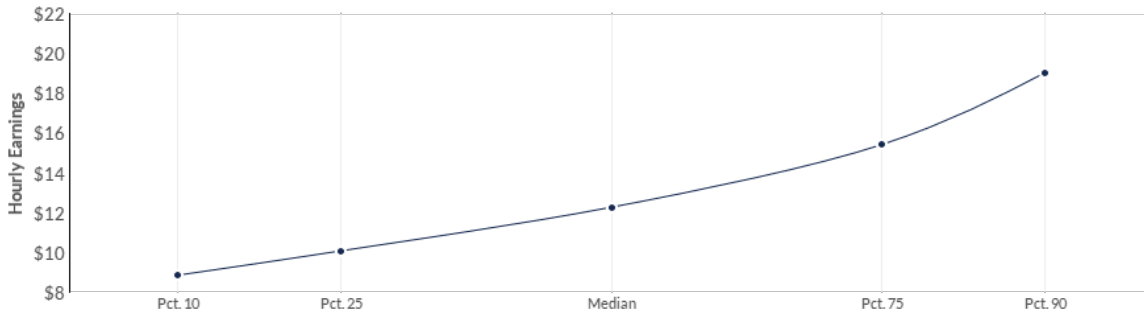
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Occupation	2015 Jobs	2025 Jobs	Change	% Change
(37-3013)				
Grounds Maintenance Workers, All Other (37-3019)	15	18	3	20%



Percentile Earnings

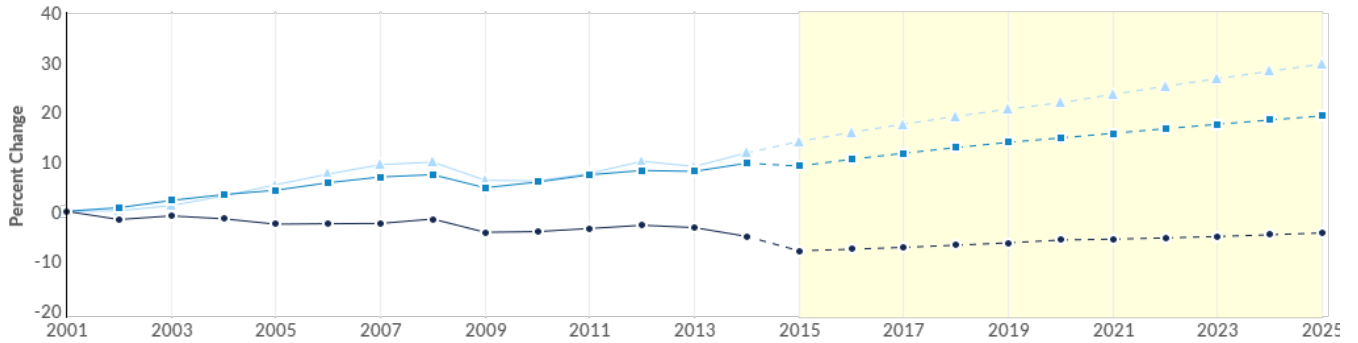
\$10.08/hr 25th Percentile Earnings	\$12.27/hr Median Earnings	\$15.42/hr 75th Percentile Earnings
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Occupation	25th Percentile Earnings	Median Earnings	75th Percentile Earnings
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	\$16.39	\$21.09	\$25.17
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	\$19.72	\$24.30	\$29.16
Janitors and Cleaners, Except Maids and Housekeeping Cleaners (37-2011)	\$9.59	\$11.97	\$15.60
Maids and Housekeeping Cleaners (37-2012)	\$9.18	\$10.62	\$12.11
Building Cleaning Workers, All Other (37-2019)	\$12.36	\$14.13	\$15.74
Pest Control Workers (37-2021)	\$11.68	\$15.29	\$24.04
Landscaping and Groundskeeping Workers (37-3011)	\$10.18	\$11.99	\$15.21
Pesticide Handlers, Sprayers, and Applicators, Vegetation (37-3012)	\$15.93	\$18.27	\$21.17
Tree Trimmers and Pruners (37-3013)	\$16.92	\$20.27	\$23.96
Grounds Maintenance Workers, All Other (37-3019)	\$15.76	\$20.92	\$27.26



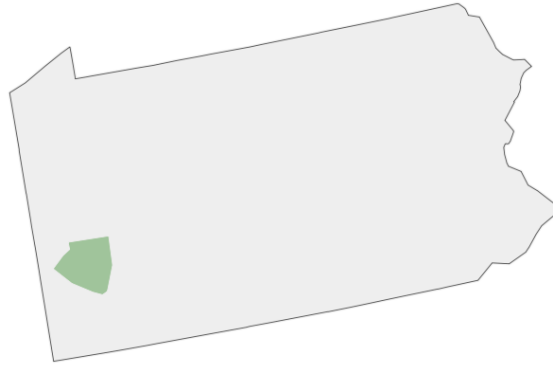
Regional Trends



	Region	2015 Jobs	2025 Jobs	Change	% Change
●	Region	19,654	20,423	769	3.9%
●	State	172,697	188,696	15,999	9.3%
●	Nation	4,552,722	5,174,420	621,698	13.7%



Regional Breakdown



* Highlighted areas show counties that contain the selected zip codes


ZIP	2025 Jobs
Pittsburgh, PA 15219 (in Allegheny county)	2,115
Pittsburgh, PA 15222 (in Allegheny county)	1,818
Pittsburgh, PA 15237 (in Allegheny county)	966
Pittsburgh, PA 15213 (in Allegheny county)	882
Coraopolis, PA 15108 (in Allegheny county)	791



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Job Postings Summary

<p>446 Unique Postings (Mar 2016)</p> <p>2,292 Total Postings</p>	<p>5 : 1 Posting Intensity (Mar 2016)</p> <p>Regional Average: 7 : 1</p> 
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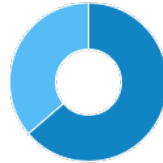
There were **2,292** total job postings for 10 Occupations in March 2016, of which **446** were unique. These numbers give us a Posting Intensity of **5-to-1**, meaning that for every 5 postings there is 1 unique job posting. This is lower than the Posting Intensity for all other occupations and companies in the region (7-to-1), indicating that companies may not be trying as hard to hire this position.



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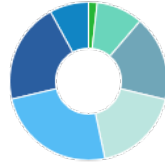
Occupation Gender Breakdown










Gender	2015 Jobs	2015 Percent
• Males	12,529	63.7% 
• Females	7,125	36.3% 



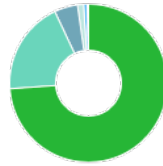
Occupation Age Breakdown



	Age	2015 Jobs	2015 Percent
●	14-18	349	1.8% 
●	19-24	1,875	9.5% 
●	25-34	3,422	17.4% 
●	35-44	3,526	17.9% 
●	45-54	4,850	24.7% 
●	55-64	4,056	20.6% 
●	65+	1,577	8.0% 



Occupation Race/Ethnicity Breakdown



	Race/Ethnicity	2015 Jobs	2015 Percent	
●	White	14,516	73.9%	
●	Black or African American	3,757	19.1%	
●	Hispanic or Latino	938	4.8%	
●	Asian	243	1.2%	
●	Two or More Races	147	0.7%	
●	American Indian or Alaska Native	37	0.2%	
●	Native Hawaiian or Other Pacific Islander	15	0.1%	



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Occupational Programs

6 Programs (2014)	1,568 Completions (2014)	403 Openings (2014)
CIP Code	Program	Completions (2014)
52.0201	Business Administration and Management, General	1,495
01.0601	Applied Horticulture/Horticulture Operations, General	33
52.0299	Business Administration, Management and Operations, Other	28
46.0401	Building/Property Maintenance	11
01.0605	Landscaping and Groundskeeping	1



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Industries Employing Building and Grounds Cleaning and Maintenance Occupations

Industry	Occupation Group Jobs in Industry (2015)	% of Occupation Group in Industry (2015)	% of Total Jobs in Industry (2015)
Janitorial Services	3,589	18.3%	89.9%
Landscaping Services	1,766	9.0%	85.6%
Hotels (except Casino Hotels) and Motels	1,592	8.1%	33.9%
General Medical and Surgical Hospitals	1,259	6.4%	3.4%
Elementary and Secondary Schools (Local Government)	1,039	5.3%	4.5%



Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

EMSI occupation employment data are based on final EMSI industry data and final EMSI staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level EMSI earnings by industry.

Completers Data

The completers data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

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, Nonemployer 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.



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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.

State Data Sources

This report uses state data from the following agencies: Pennsylvania Department of Labor and Industry, Center for Workforce Information and Analysis