



Civil Engineers

Ranked

30

by count of job opportunities

Percentage

0.77%

of all job opportunities

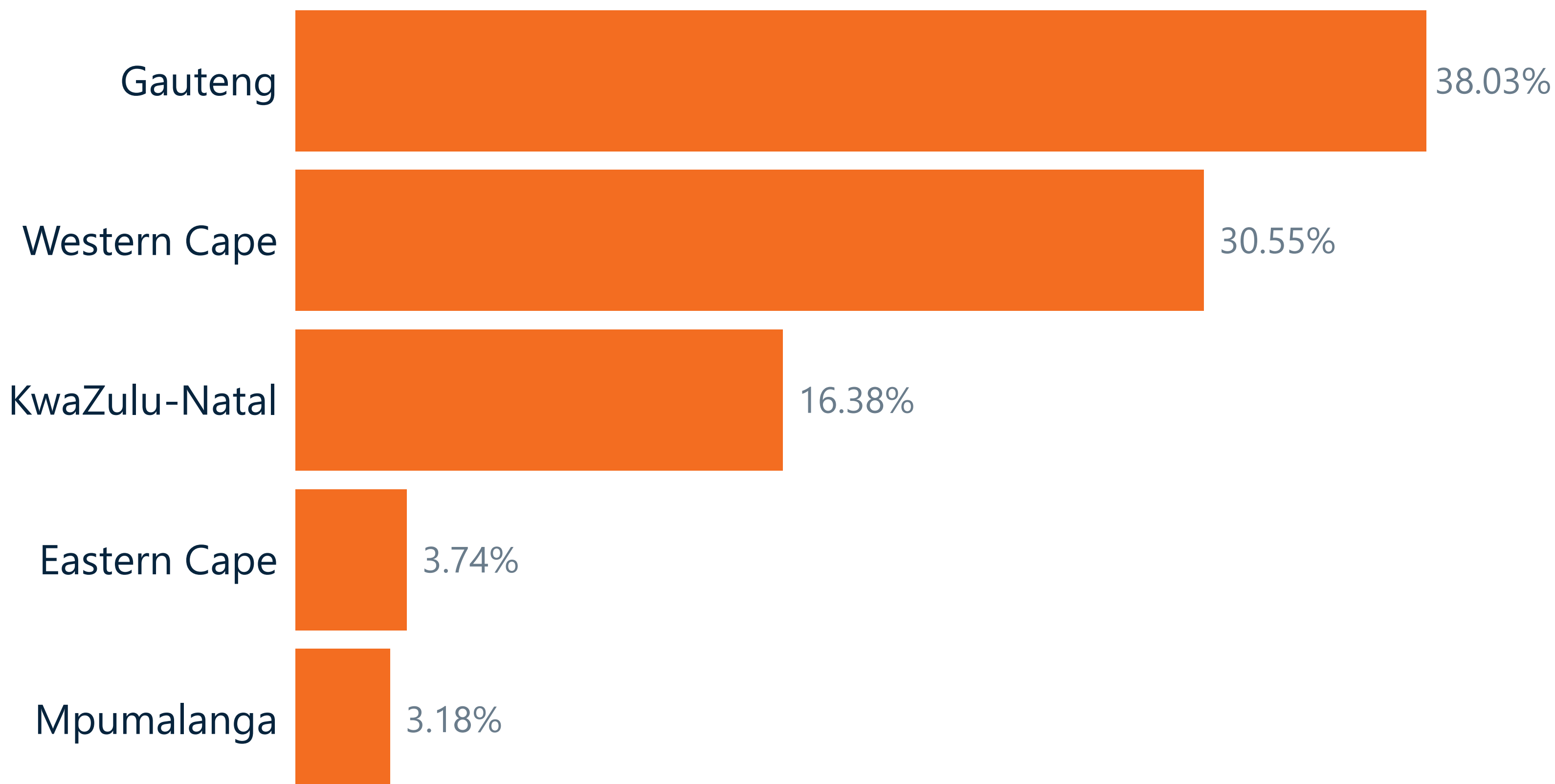
Hard-to-Fill

23.92%

% job opportunities that are "hard-to-fill"

Top 5 Provinces

by percentage of job opportunities



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Civil Engineers

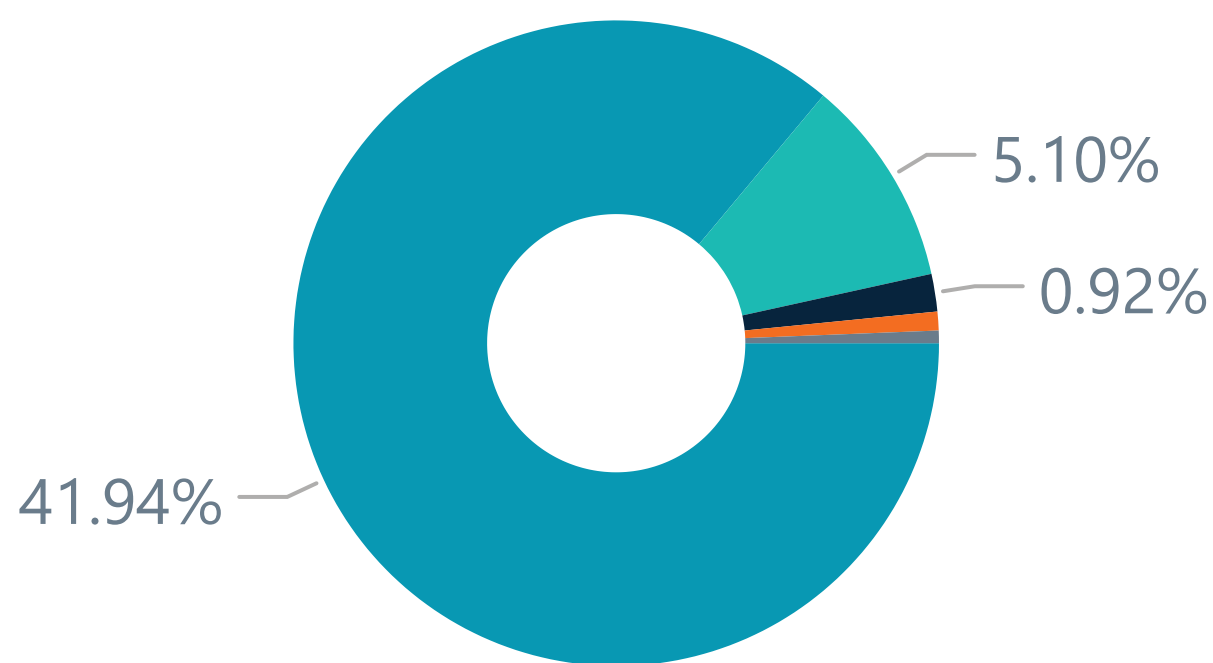
Top 5 Industries

by percentage of job opportunities

Professional, scientific and technical activities	32.34%
Administrative and support activities	18.58%
Construction	8.06%
Information and communication	7.38%
Manufacturing	1.94%

Top 5 Company Types

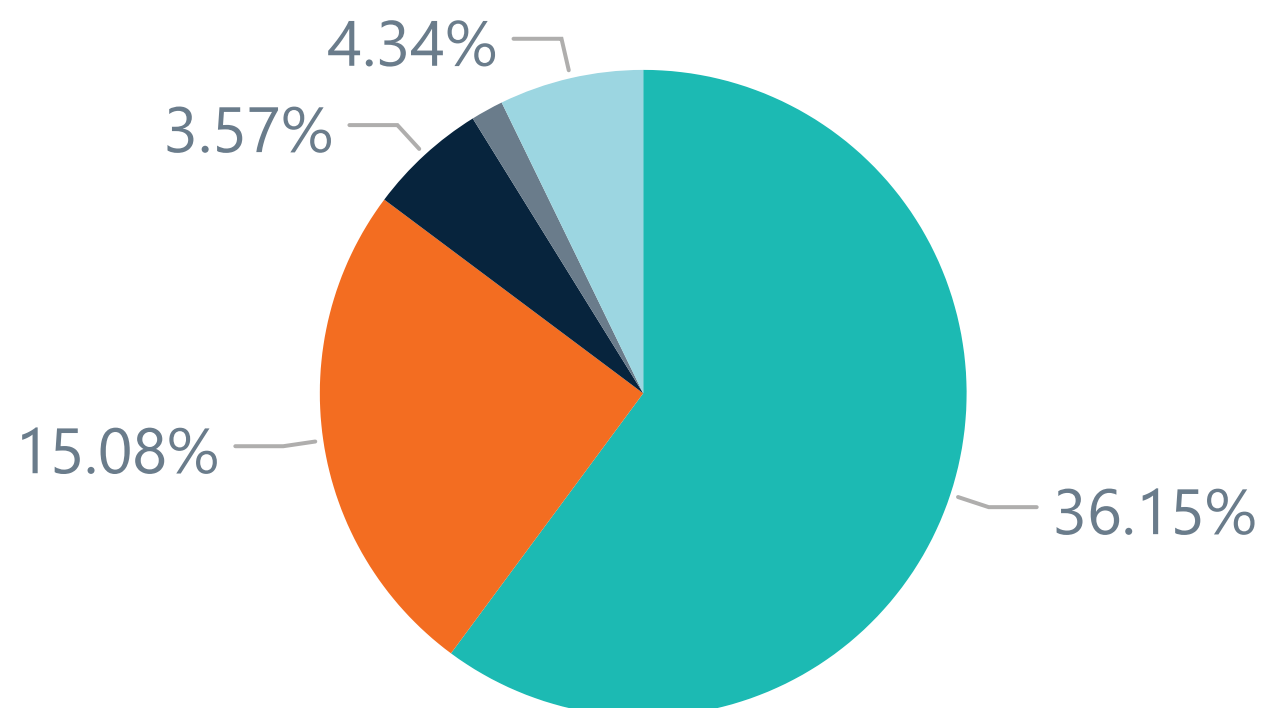
by percentage of job opportunities



- Private company
- Public company
- Government agency
- Sole proprietorship
- Partnership

Top 5 Company Sizes

by percentage of job opportunities

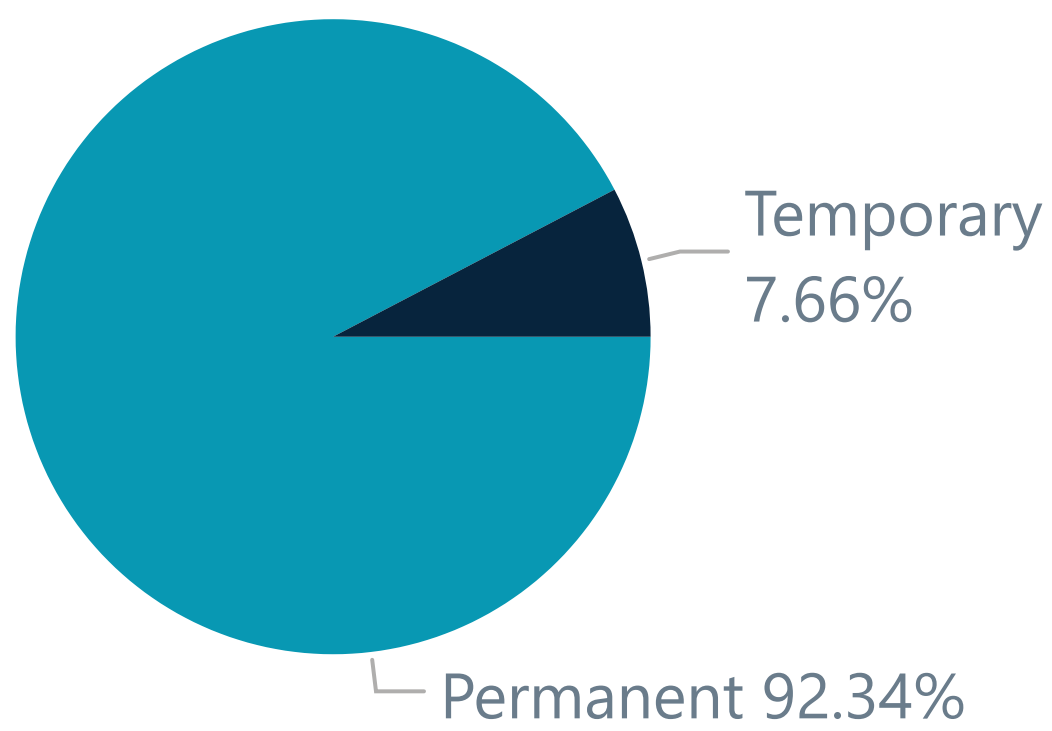


- 1 to 100
- 101 to 500
- 1,001 to 5,000
- 5,001 to 10,000
- 10,001 +

Civil Engineers

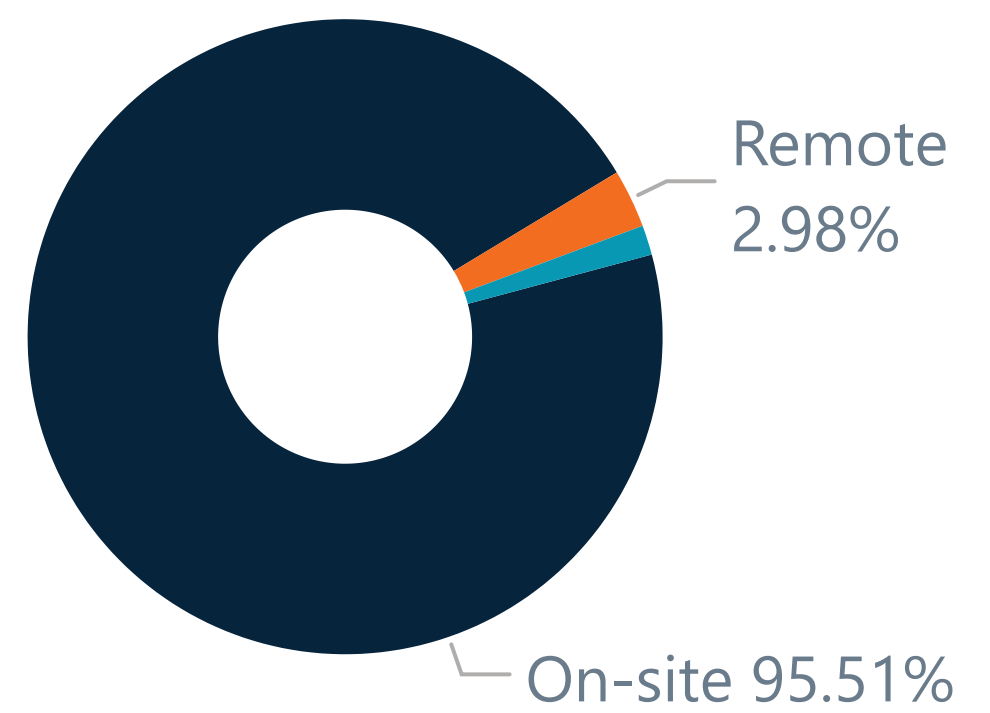
Employment Type

percentage of job opportunities



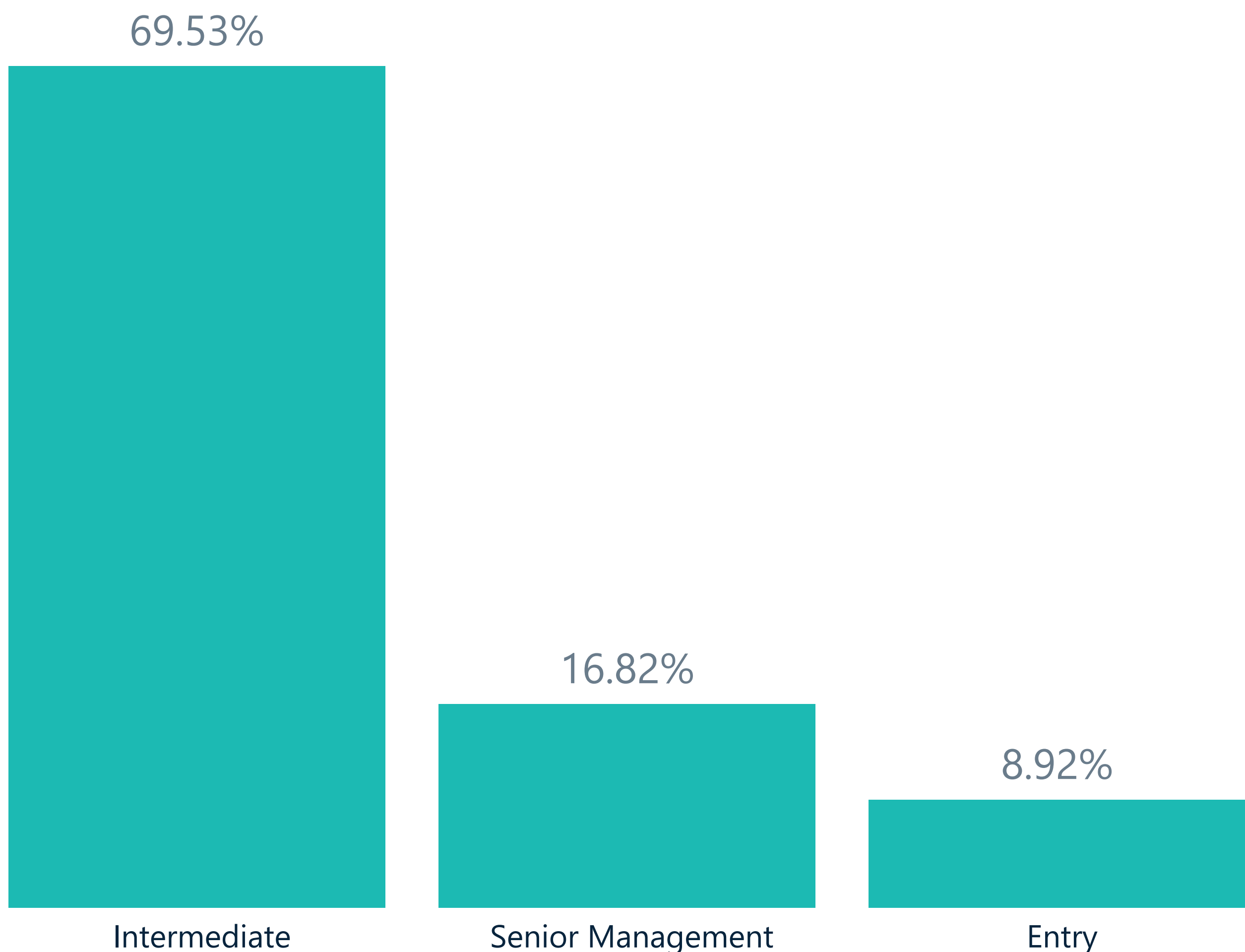
Employment Flexibility

percentage of job opportunities



Top 3 Employment Levels

by percentage of job opportunities

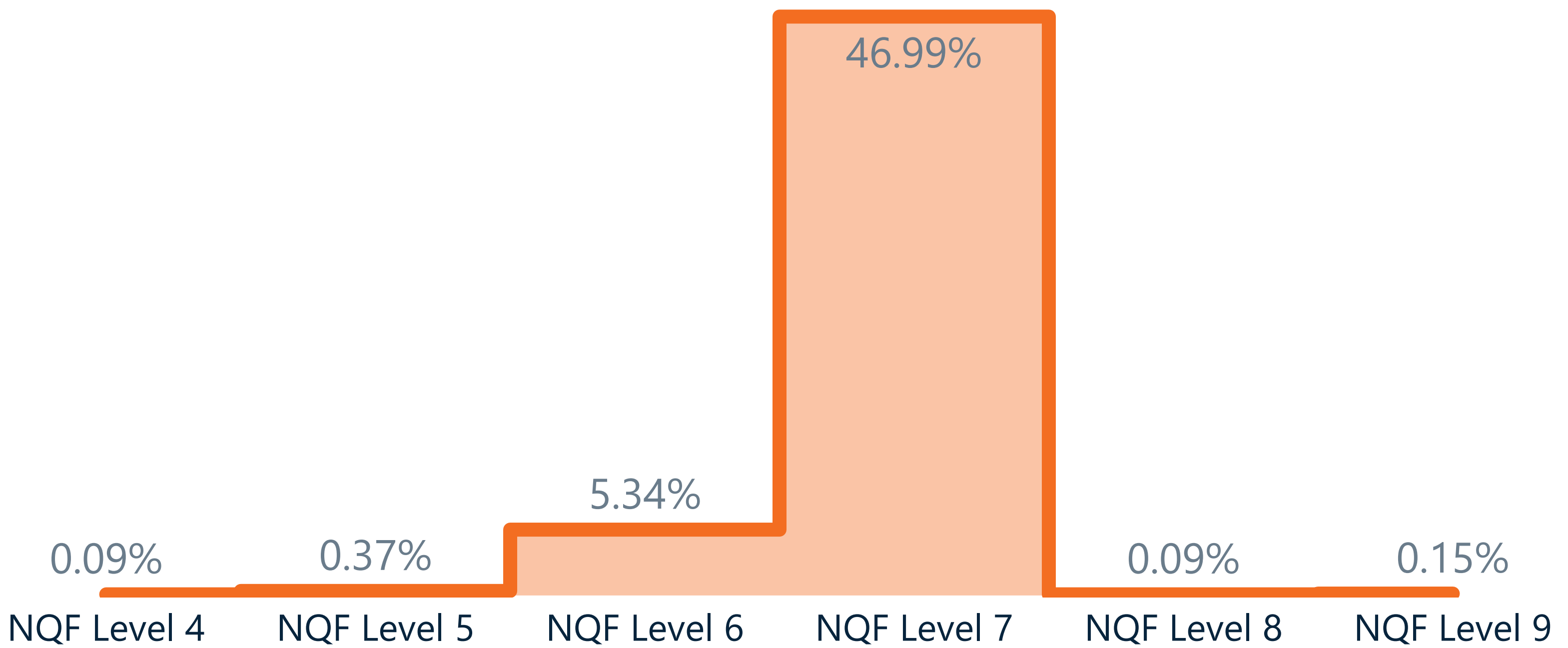




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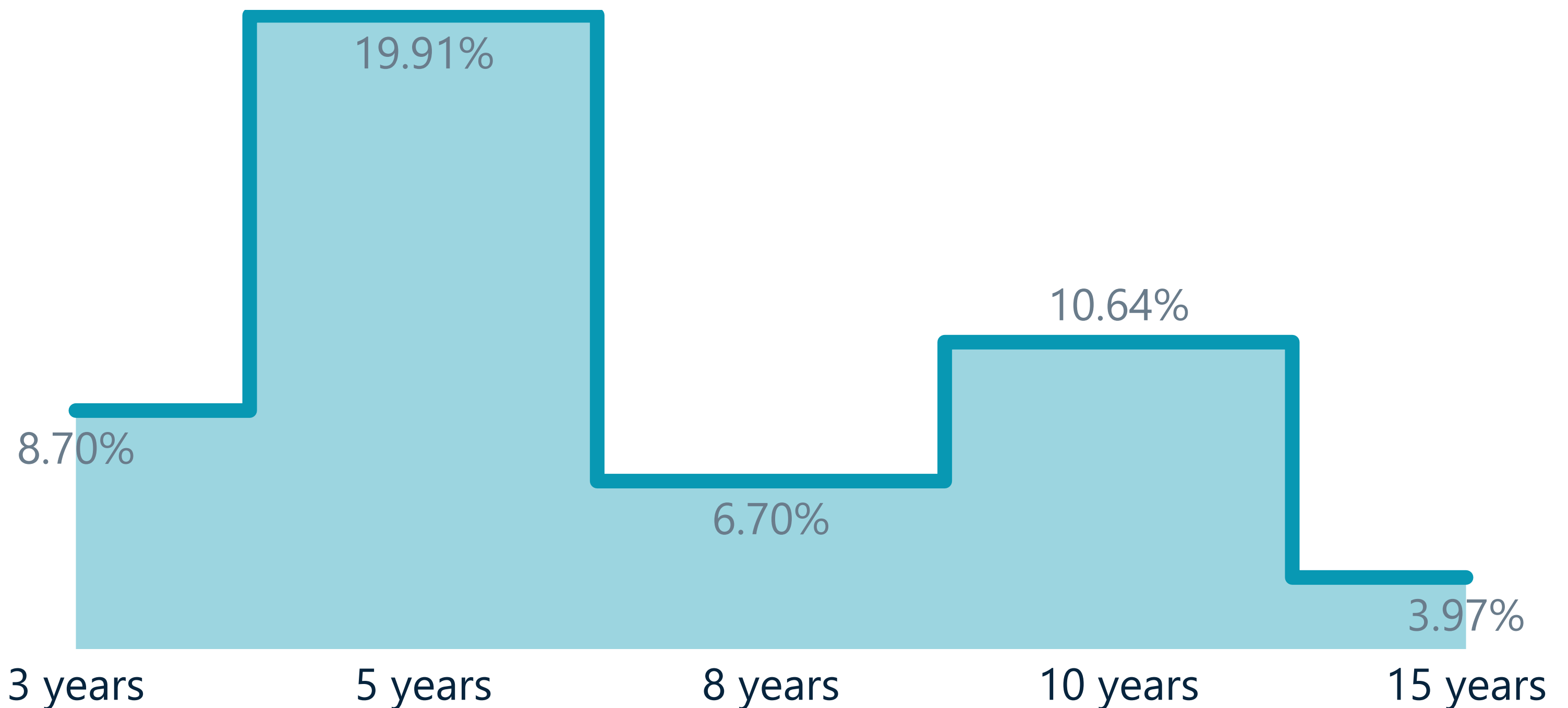
Top 5 Minimum Qualification Level

by percentage of job opportunities



Top 5 Minimum Years Experience

by percentage of job opportunities





Civil Engineers



Top 10 Required Skills

Technology Design	
Generating or adapting equipment and technology to serve user needs.	1
Time Management	
Managing one's own time and the time of others.	2
Quality Control Analysis	
Conducting tests and inspections of products, services, or processes to evaluate quality or performance.	3
Writing	
Communicating effectively in writing as appropriate for the needs of the audience.	4
Operations Analysis	
Analyzing needs and product requirements to create a design.	5
Complex Problem Solving	
Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.	6
Service Orientation	
Actively looking for ways to help people.	7
Systems Analysis	
Determining how a system should work and how changes in conditions, operations, and the environment will affect outcomes.	8
Management of Material Resources	
Obtaining and seeing to the appropriate use of equipment, facilities, and materials needed to do certain work.	9
Learning Strategies	
Selecting and using training/instructional methods and procedures appropriate for the situation when learning or teaching new things.	10



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Top 5 Required Knowledge

Design	
Design techniques, tools, and principles involved in production of precision technical plans, blueprints, drawings, and models.	1
Engineering and Technology	
The practical application of engineering science and technology. This includes applying principles, techniques, procedures, and equipment to the design and production of various goods and services.	2
Administration and Management	
Business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.	3
Building and Construction	
Materials, methods, and the tools involved in the construction or repair of houses, buildings, or other structures such as highways and roads.	4
Customer and Personal Service	
Principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.	5



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Top 10 Required Technology Skills

Analytical or scientific software	
HEC-RAS	1
Strand7	10
Computer aided design (CAD) software	
Autodesk Revit	2
Bentley MicroStation	7
Tekla software	8
Object or component oriented development software	
Python	3
Project management software	
Microsoft Project	4
Word processing software	
Microsoft Word	5
Web platform development software	
JavaScript	6
Spreadsheet software	
Microsoft Excel	8