



ISTQB® Effectiveness Survey 2013-14



About the Survey



TABLE OF CONTENTS

8	RESPONDENT PROFILE
20	ISTQB® CTFL - CERTIFIED TESTER FOUNDATION LEVEL
28	ADVANCED LEVEL (CTAL) CERTIFICATION
32	EXPERT LEVEL
33	AGILE TESTING CERTIFICATION
36	ACCREDITED TRAINING
40	TOPICS FOR the FUTURE
42	CREDITS

The ISTQB® testing certification scheme continues to lead the profession with more than over 300 000 testing professionals certified worldwide as of June 30th, 2013. This reflects the confidence that organizations and individuals have in the scheme and the body of knowledge on which it is based.

As part of its commitment to continuous improvement and the advancement of the software testing profession, in 2013 ISTQB® (www.istqb.org) conducted an international online survey of test engineers and managers.

The survey was designed by the ISTQB® Marketing Working Group and endorsed by ISTQB® Member boards, accredited training providers, and exam providers.

It was open from 7 June 2013 to 1 October 2013 and several thousand responses were received from almost 70 countries.

Two versions of the survey were available. One for test engineers, comprising 21 questions, and another for test managers, which contained 24 questions.

This report presents the results of the “ISTQB® Test Certification – 2013-2014 Survey” and we would like to sincerely thank everybody who contributed.

Message from the President



For over 10 years the ISTQB® has been committed to delivering a high quality certification scheme for software testing professionals. To ensure we develop and maintain syllabi that reflect changing testing practices and that meet market demands we conducted the 2013 ISTQB® survey, the results of which are published in this report.

I would like to thank all of you who responded to the survey; your valuable feedback will contribute significantly to the future of the ISTQB® scheme.

Chris Carter, ISTQB® President

The most significant findings from the first ISTQB® Effectiveness survey.

1

The majority of Test Engineers undertook the ISTQB® CTFL certification in order to enhance their career prospects [80%] and develop their testing skills [70%].

2

The majority of Test Managers believe that participating in the ISTQB® certification scheme will positively impact testing quality in their projects [75%] and will enable them to provide a positive career path to their employees [55%].

6

Approximately 70% of Test Managers consider it important to obtain Advanced Level certifications, and this opinion is shared by 63% of Test Engineers.

7

The new Expert Level certifications are generating a significant amount of interest.

3

Test Engineers and Test Managers alike are highly satisfied with the ISTQB® CTFL certifications and happy to recommend these to their colleagues [91% - Test Engineers, 94% - Test Managers].

8

There is strong demand for Agile certification throughout the world and across all major industries [85% of respondents are interested].

4

The ISTQB® Foundation Level certification exams are seen as providing a reliable assessment of candidate knowledge.

5

Test Managers would like to have approximately 75% of their staff certified at the Foundation Level.

9

Approximately 70% of survey participants attribute a significant part of their certification success to the courses they undertook from accredited training providers.

10

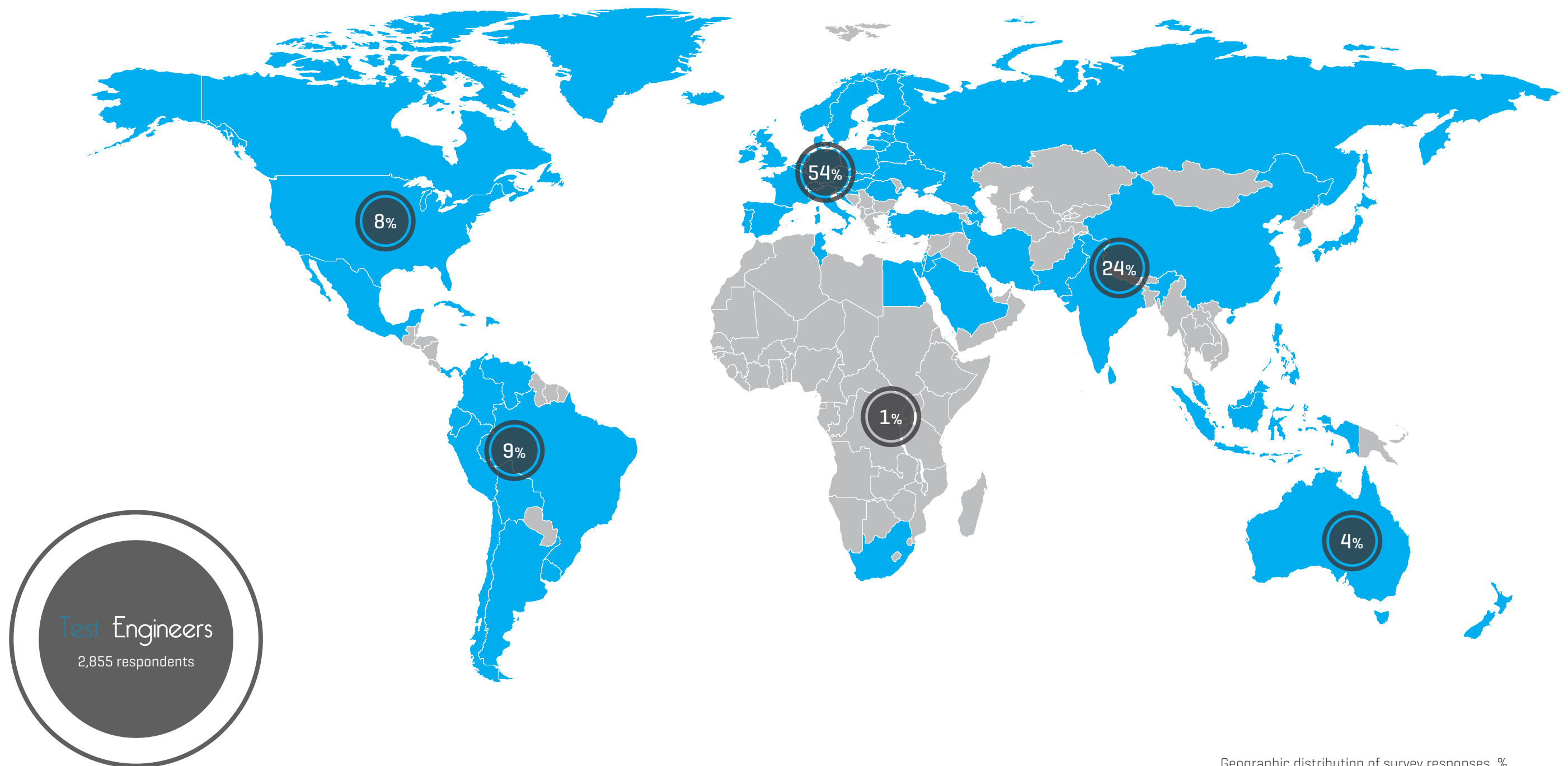
In addition to Agile Testing, the following have emerged as the most important topics for the future: Performance Testing, Testing for Mobile Devices, and Usability Testing.



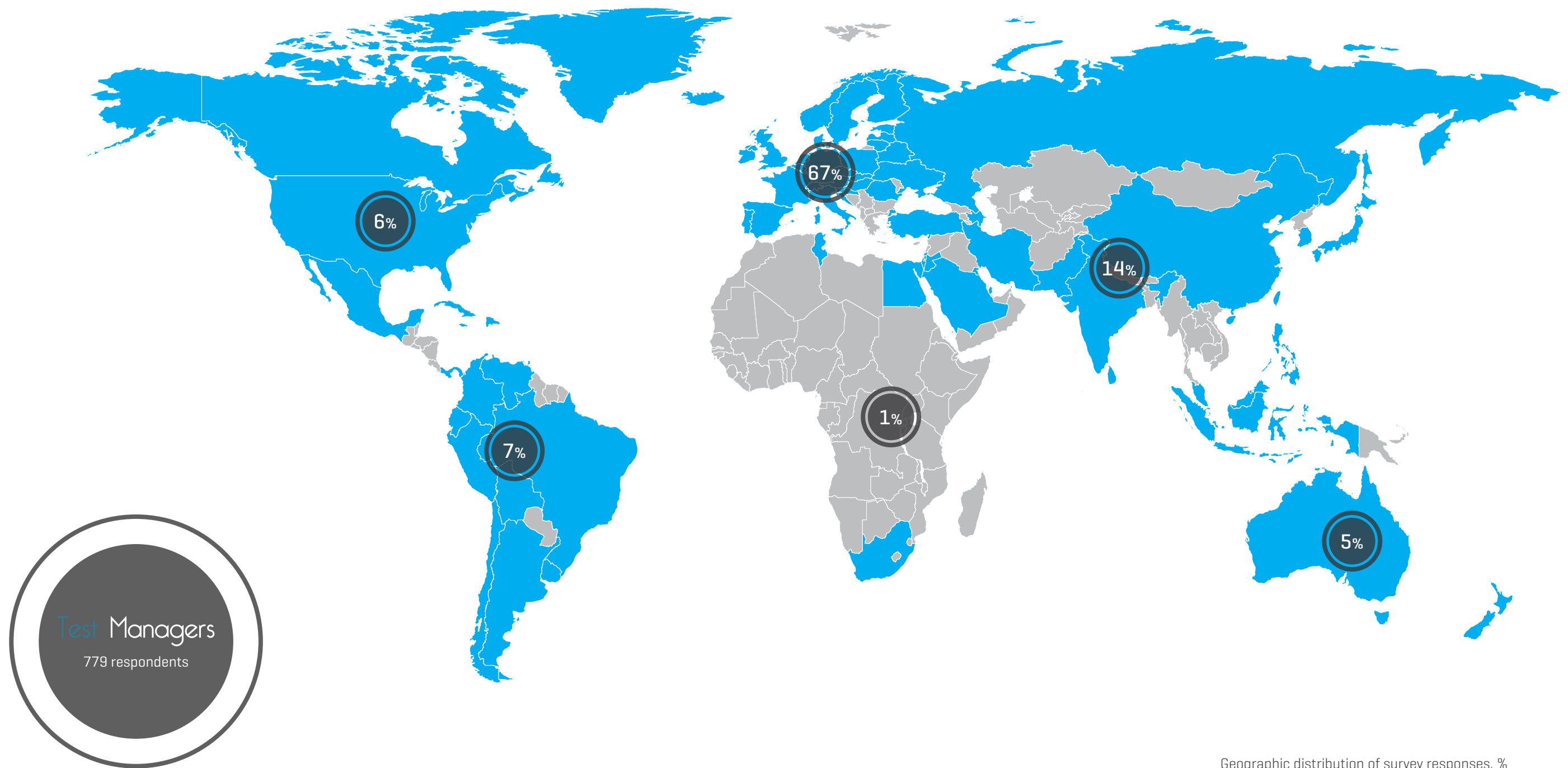


RESPONDENT PROFILE

Geographic distribution of survey responses, %



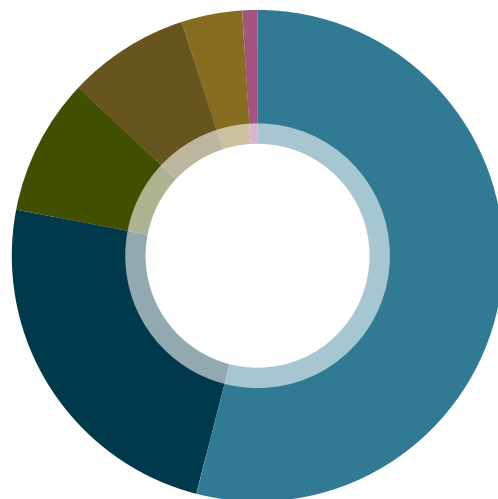
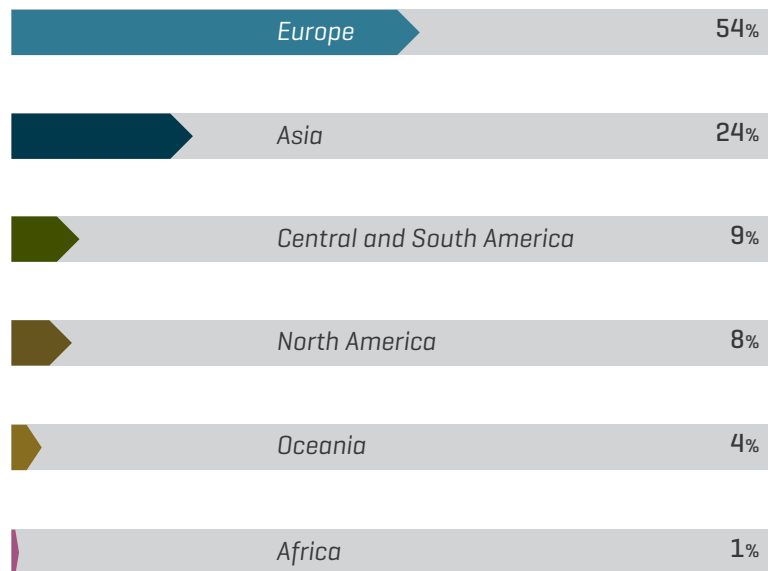
Geographic distribution of survey responses, %



In which country do you currently work?

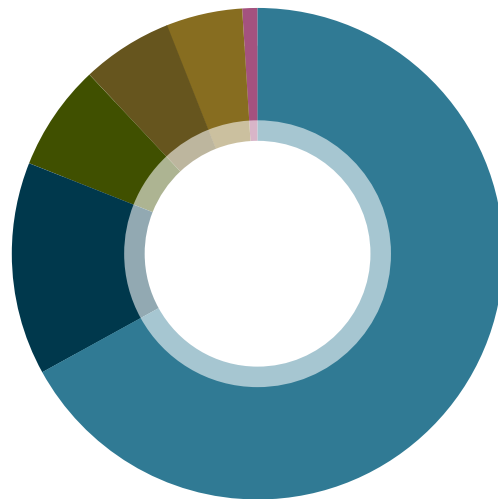
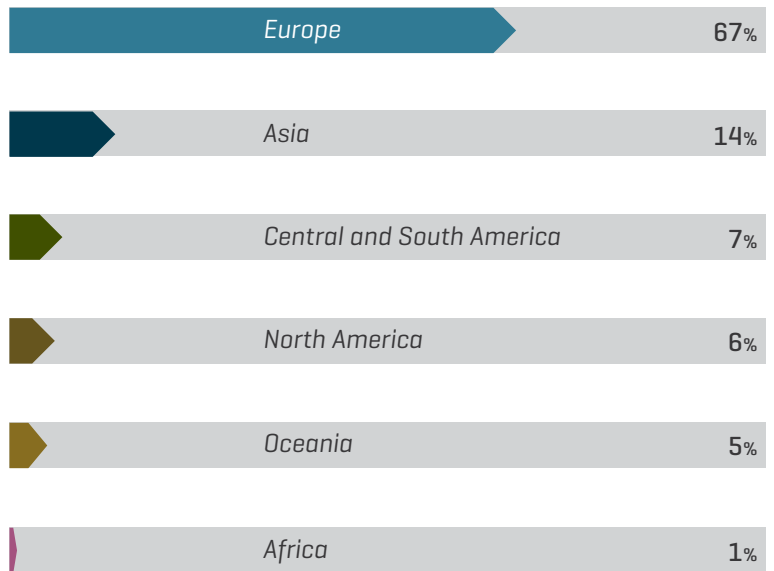
Test Engineers

Afghanistan	Lithuania
Algeria	Luxembourg
Andorra	Malaysia
Argentina	Maldives
Australia	Malta
Austria	Mexico
Belgium	Netherlands
Bolivia	New Zealand
Brazil	North Korea
Canada	Norway
Chad	Pakistan
Chile	Palestine
China	Panama
Colombia	Peru
Costa Rica	Poland
Croatia	Portugal
Cuba	Romania
Czech Republic	Russian Federation
Denmark	Saudi Arabia
Ecuador	Serbia
Egypt	South Africa
El Salvador	South Korea
Estonia	Spain
Finland	Sri Lanka
France	Sweden
Germany	Switzerland
Hungary	Tunisia
Iceland	Turkey
India	Ukraine
Indonesia	Uni. Arab Emirates
Ireland	U.K. of Great Britain
Israel	U.S. of America
Italy	Uruguay
Jordan	Venezuela
Latvia	



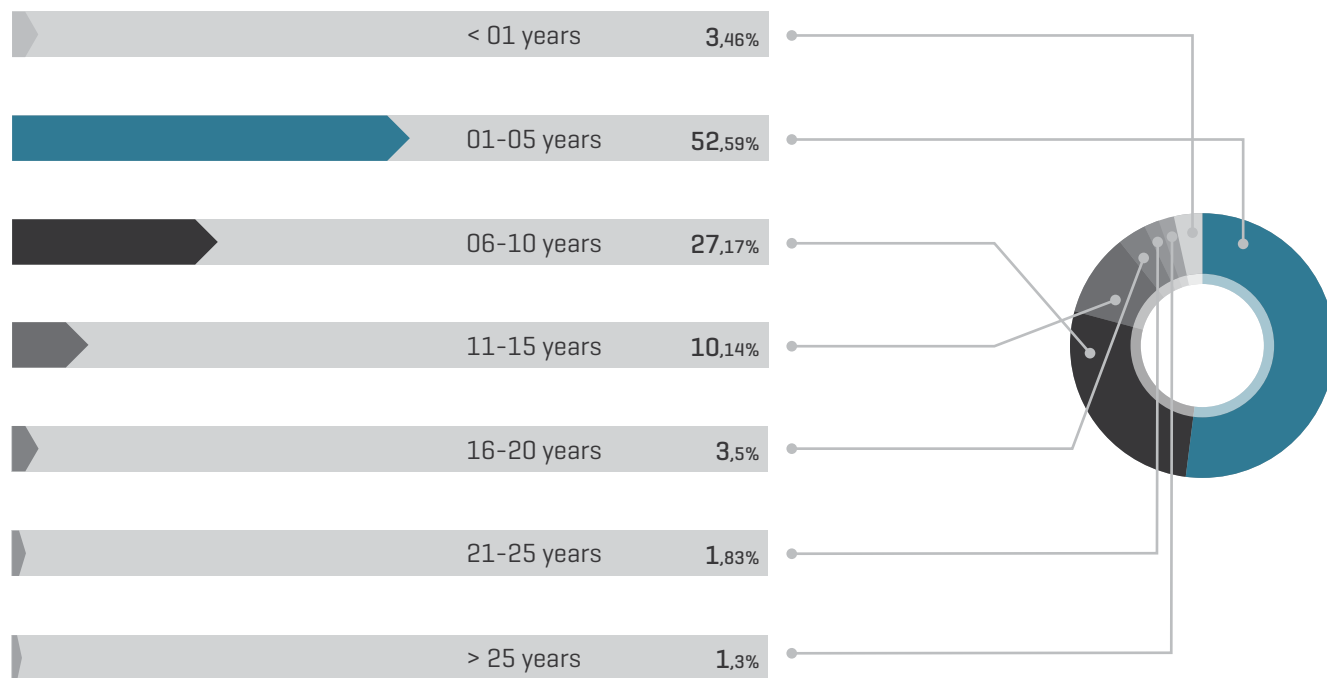
Test Managers

Argentina	Luxembourg
Australia	Malaysia
Austria	Mexico
Azerbaijan	Netherlands
Belgium	New Zealand
Bolivia	Norway
Brazil	Pakistan
Bulgaria	Paraguay
Canada	Peru
Chile	Poland
China	Portugal
Colombia	Romania
Croatia	Russian Federation
Cuba	Serbia
Czech Republic	Slovakia
Denmark	South Africa
Ecuador	South Korea
Egypt	Spain
Estonia	Sri Lanka
Finland	Sweden
France	Switzerland
Germany	Tunisia
Hungary	Turkey
Iceland	Ukraine
India	Uni. Arab Emirates
Ireland	U.K. of Great Britain
Israel	U.S. of America
Italy	Uruguay
Jordan	Venezuela
Latvia	

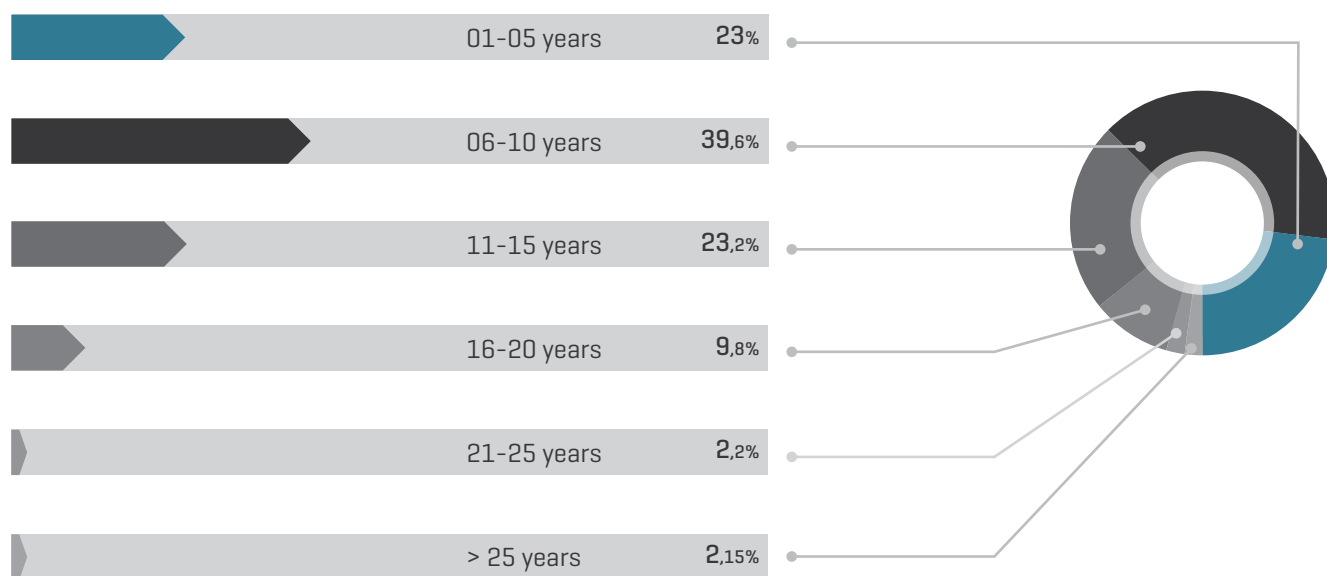


How many years of experience do you have in software testing?

Test Engineers

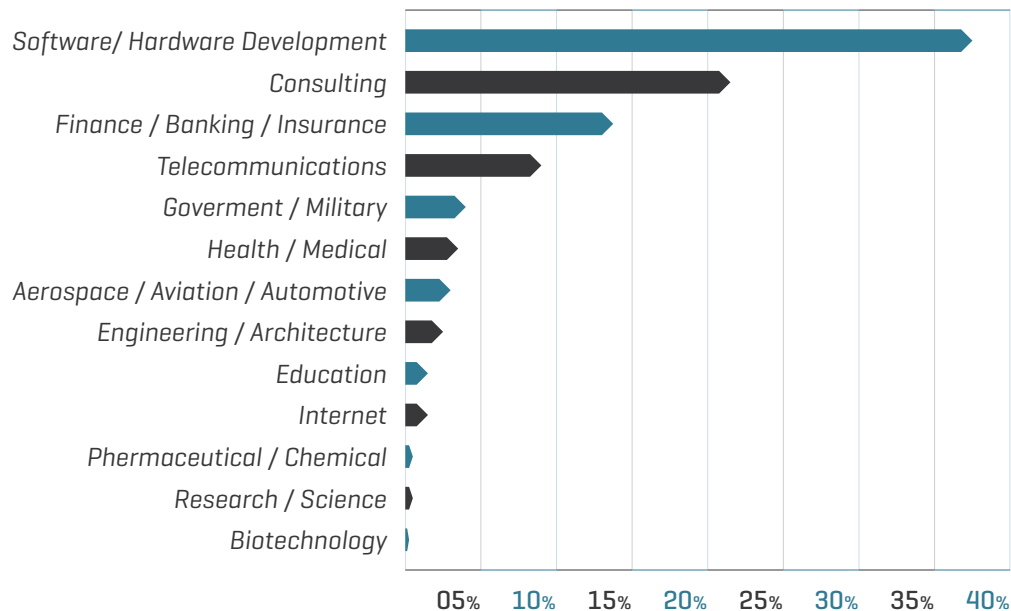


Test Managers

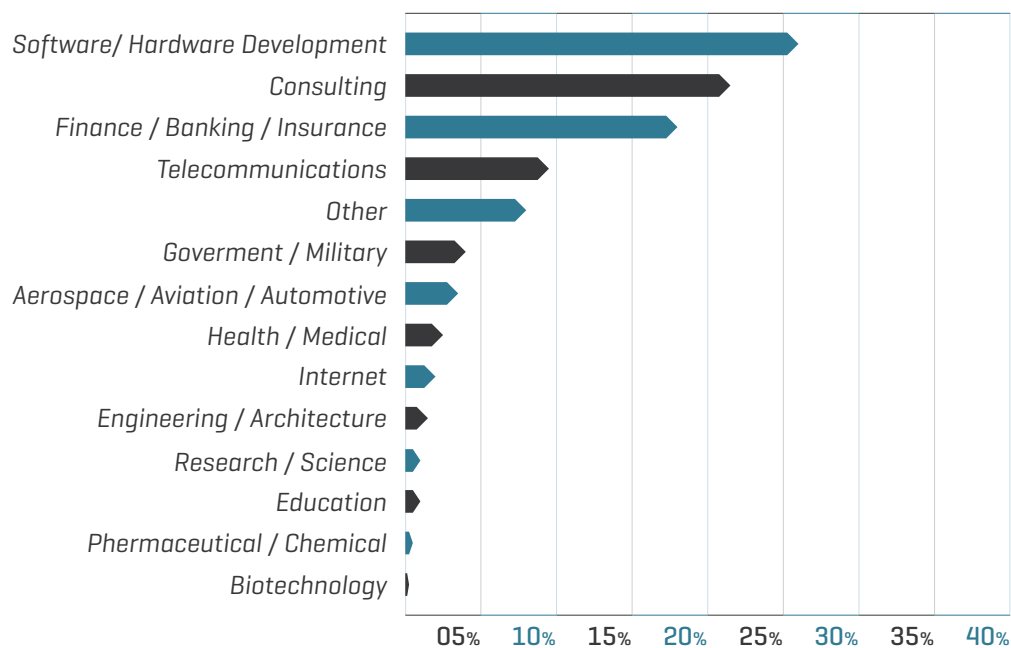


To which **industry** does your organization belong?

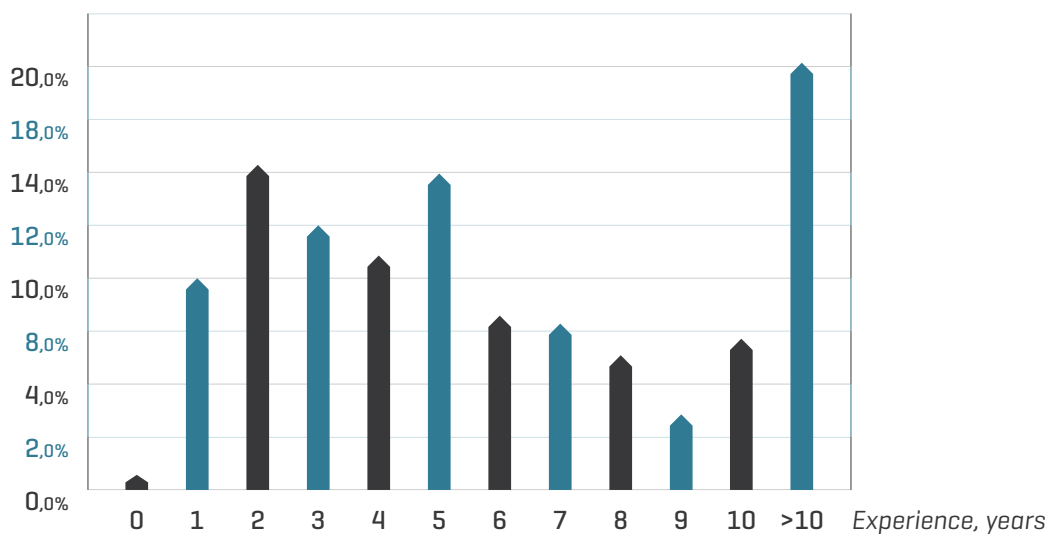
Test Engineers



Test Managers

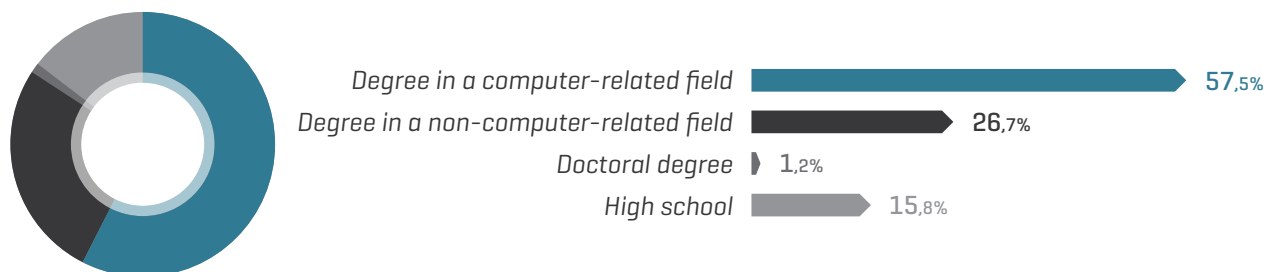


How many years of management experience do you have?

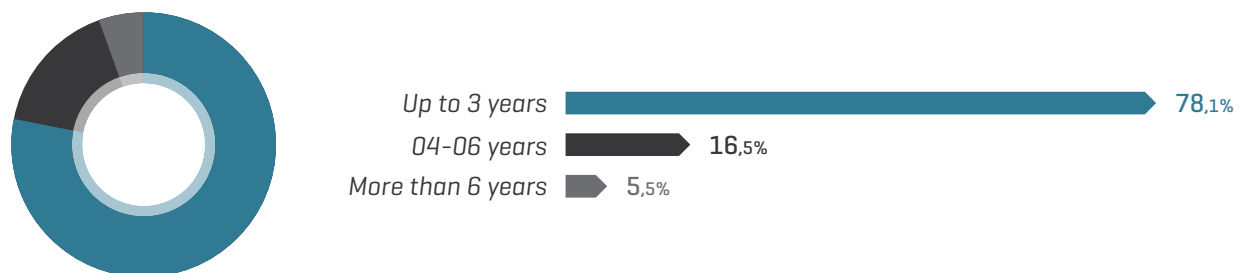


What is your highest educational level?

Test Engineers



As a Test Engineer, how long have you held your ISTQB® Foundation Level (CTFL) certification?



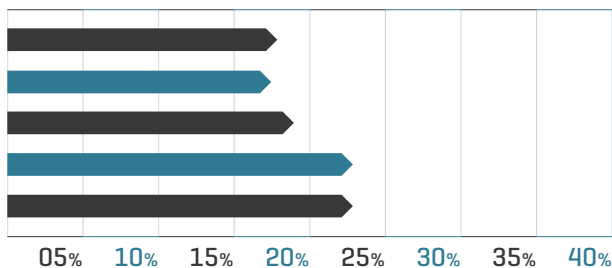
As a Test Manager, do you hold an ISTQB® Foundation Level (CTFL) certification?



Yes 85%
No 15%

How many test professionals does your organization have?

Test Managers



"<5 Testing Professionals"
"6 - 10 Testing Professionals"
"11 - 25 Testing Professionals"
"26 - 100 Testing Professionals"
">100 Testing Professionals"



ISTQB®

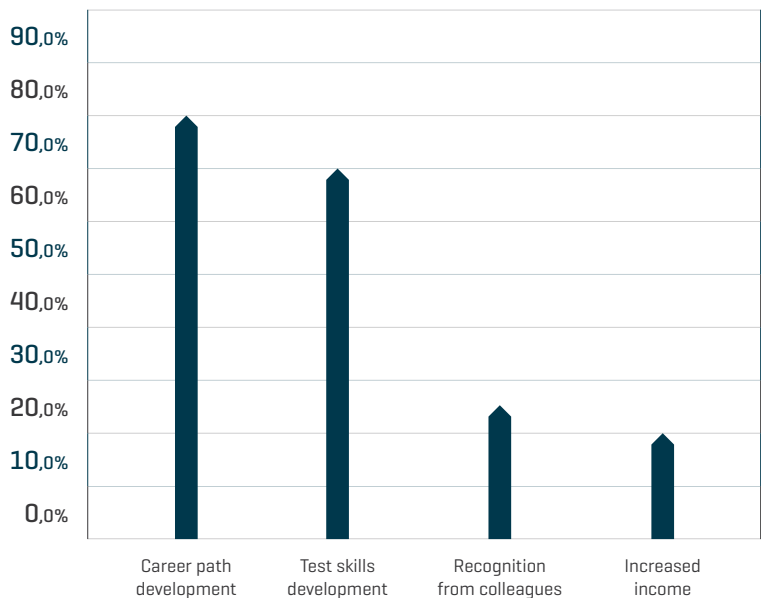
CTFL – CERTIFIED TESTER FOUNDATION LEVEL

As a Test Engineer, what was your motivation in obtaining your ISTQB® CTFL certification?

Test Engineers

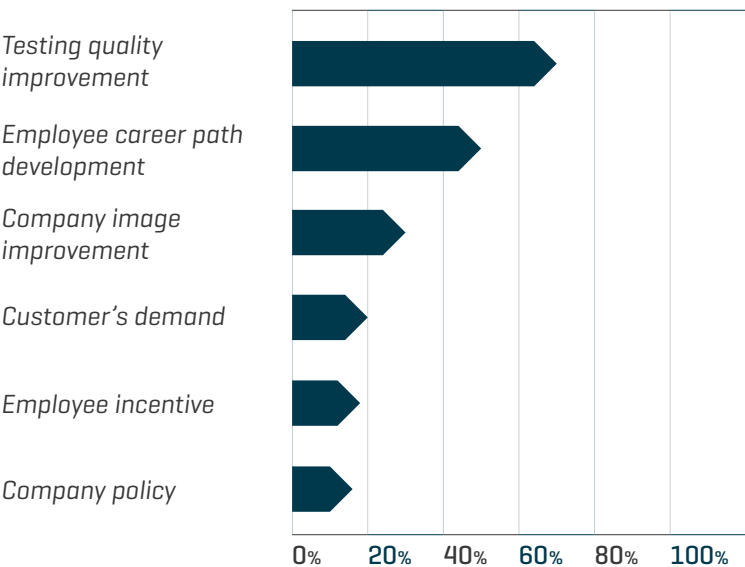
The majority of Test Engineers took the ISTQB® CTFL certification in order to enhance their career path [80%] and develop their testing skills [70%].

Some believe it will help them get more recognition from their colleagues [25%] or increase their income [20%].



As a Test Manager, what was your motivation to have your employees achieve ISTQB® Foundation Level (CTFL) certification?

Test Managers

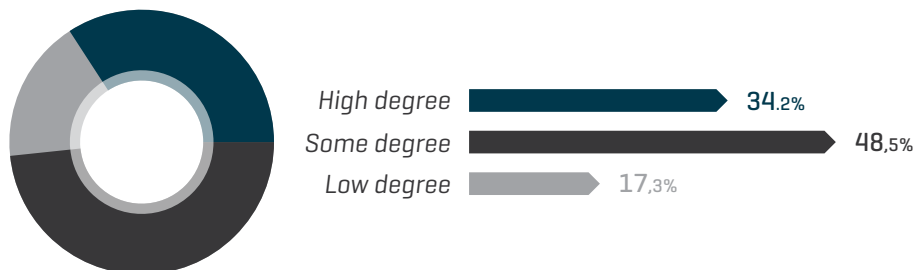


The majority of Test Managers believe that participating in the ISTQB® certification scheme will positively impact testing quality in their projects [75%], and will enable them to provide positive career path to their employees [55%].

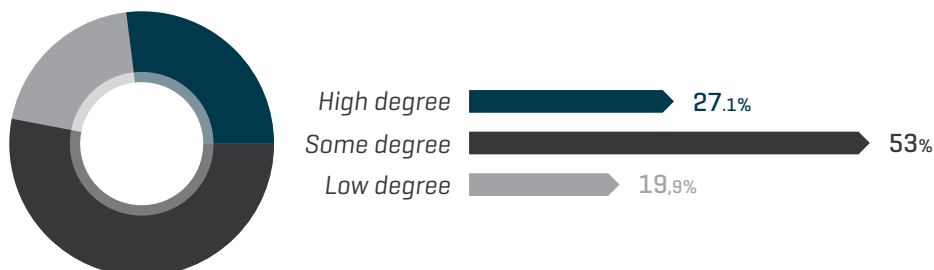
Some Test Managers believe their company image will improve [30%] as a result of having their employees participate in the ISTQB® certification.

As a Test Engineer, to what extent do you think the ISTQB® CTFL certification will affect/improve your future?

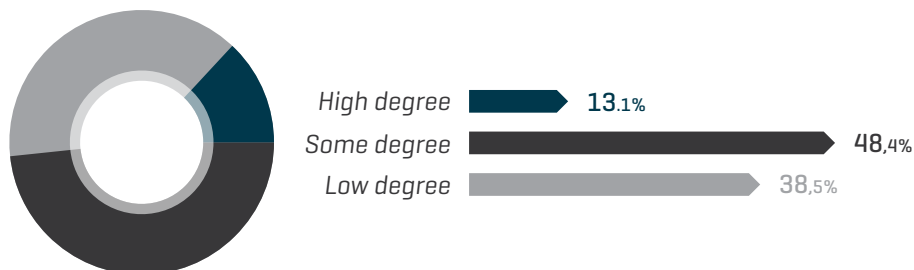
Your test skills



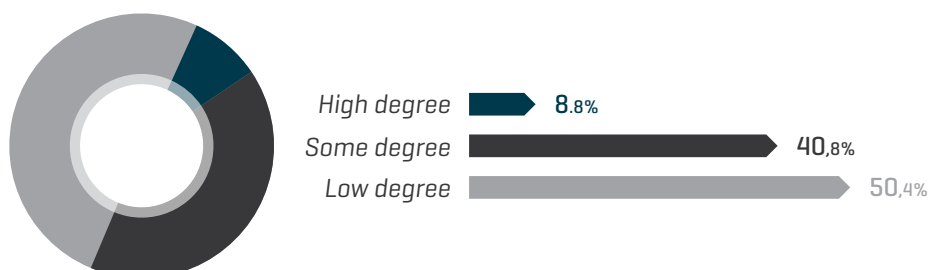
Your career path



Colleagues' recognition



Your income



The majority of respondents [82.7%] felt that ISTQB® CTFL certification would improve their testing skills, strengthen their career prospects [80.1%], and result in increased recognition from colleagues [61.5%]. Almost half the respondents also felt that this might result in a salary increase.

These results reflect the importance people see in ongoing skills development.

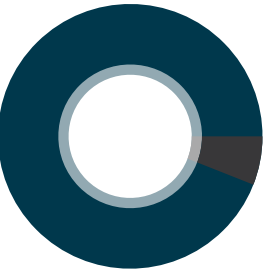
Would you recommend the ISTQB® Foundation Level (CTFL) certification to your colleagues?

Test Engineers



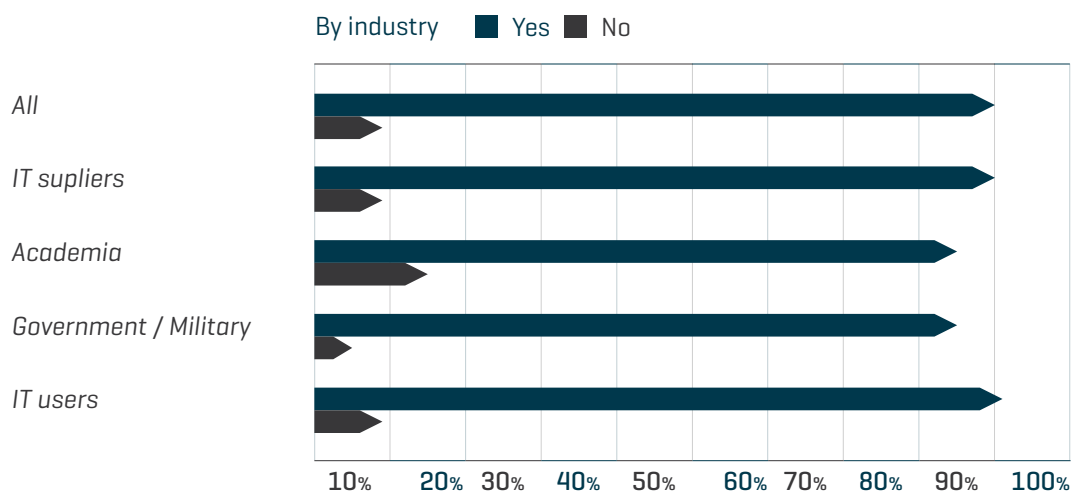
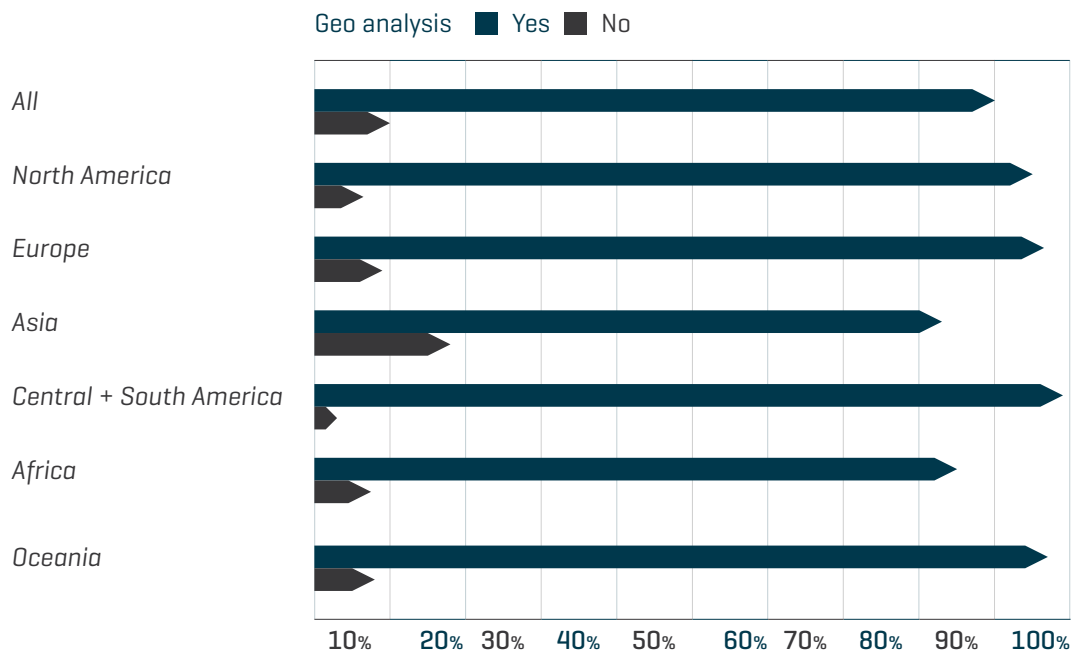
Both Test Engineers and Test Managers are highly satisfied with the ISTQB® CTFL certifications and happy to recommend these to their colleagues [91% - Test Engineers, 94% - Test Managers].

Test Managers



Would you recommend the ISTQB® Foundation Level (CTFL) certification to your colleagues?

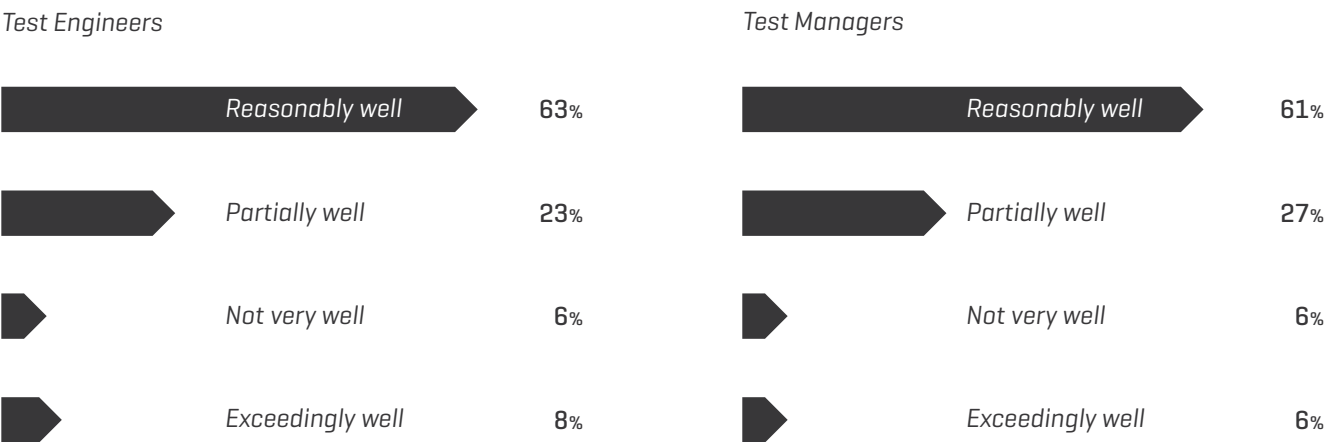
Test Engineers



Predictions

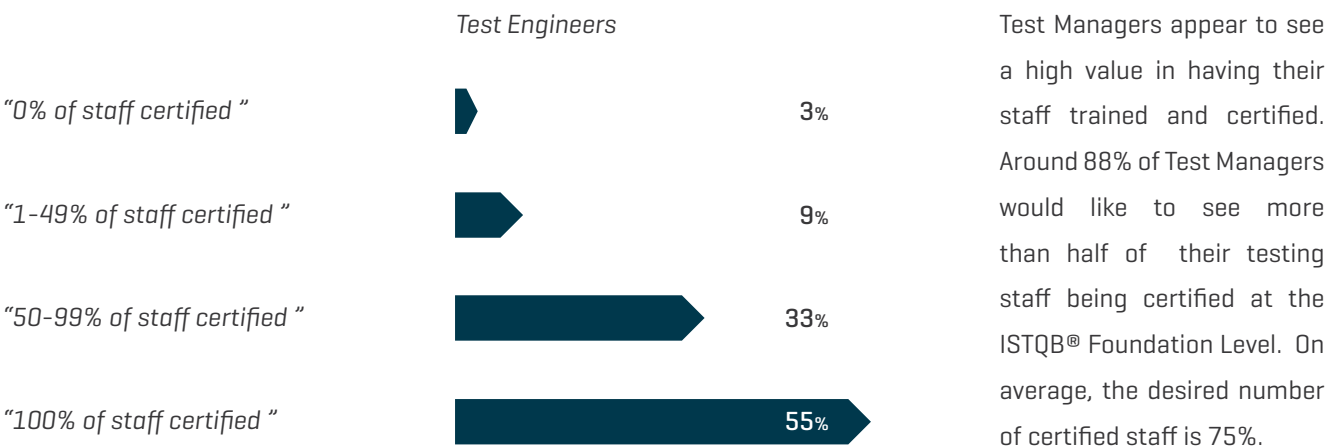
The high satisfaction rate of the ISTQB® Foundation Level throughout industries and geographic areas will be a driving force in the continued growth of the ISTQB® at a global level. The forthcoming extensions [like Agile, Model-Based Testing and more] are expected to meet further expectations.

To what extent do you feel the ISTQB® Foundation Level certification exam reflects the knowledge of the candidates?



More than 70% of respondents regard the ISTQB® Foundation Level certification exam as reliable and these results are consistent throughout the world.

As a Test Manager, what percentage of your testing staff would you like to see certified at the ISTQB® Foundation Level?

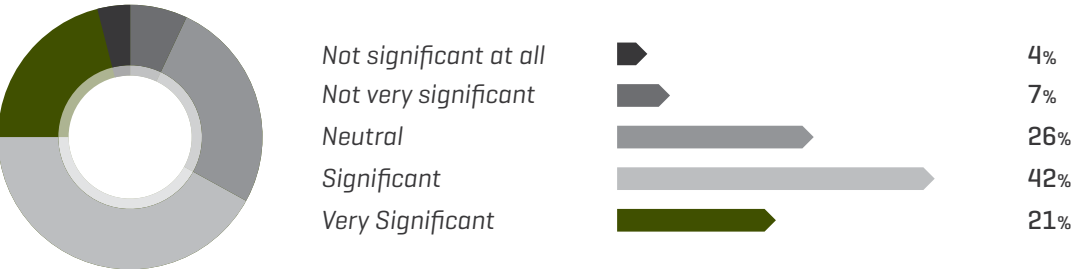




ADVANCED LEVEL (CTAL) CERTIFICATION

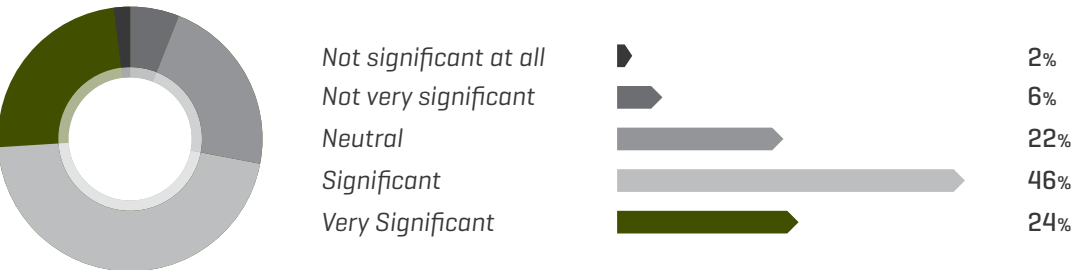
How important do you think it is to obtain the ISTQB® Advanced Level (CTAL) certification?

Test Engineers

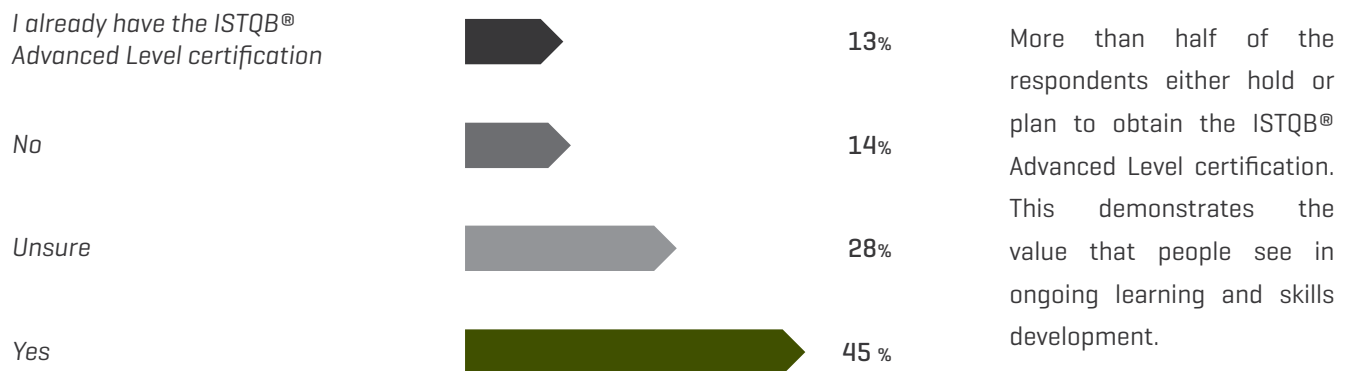


Approximately 70% of Test Managers identified that it is important to obtain the Advanced Level Certification, and this was supported by 63% of Test Engineers.

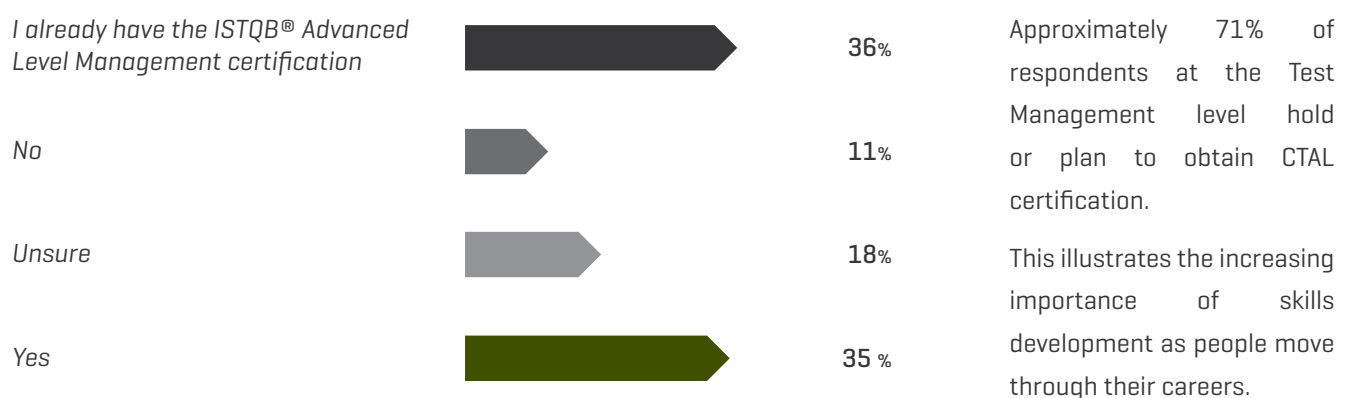
Test Managers



As a Test Engineer, do you plan to obtain the ISTQB® Advanced Level certification?



As a Test Manager, do you plan to obtain the ISTQB® Advanced Level Test Management certification for yourself?



As a Test Manager, what percentage of your testing staff would you like to **see certified** at the ISTQB® Advanced Level?



Almost all of the Test Managers surveyed would like to see ISTQB® Advanced Level certified staff within their test team. Half of the respondents would like to have 26% or more of their staff certified at the advanced level.

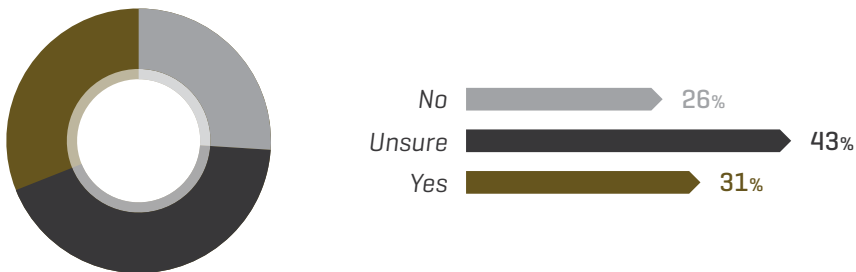
Clearly, there is a demand for advanced level certifications and we can expect that ISTQB® Advanced Level certification will become as important in recruitment processes, as is the Foundation certification.



EXPERT LEVEL

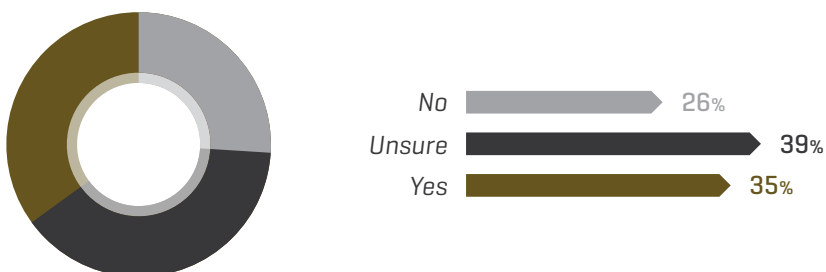
Do you plan to obtain an ISTQB® Expert level certification in next 3 years?

Test Engineers



More than 75% of respondents, spanning Test Engineers and Test Managers, are definitely or possibly interested in the expert level certifications. ISTQB® is working to make training and exams available as soon as possible to meet expected demand.

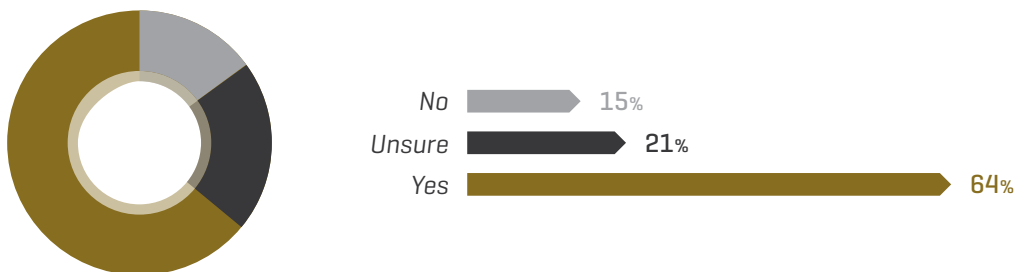
Test Managers



AGILE TESTING CERTIFICATION

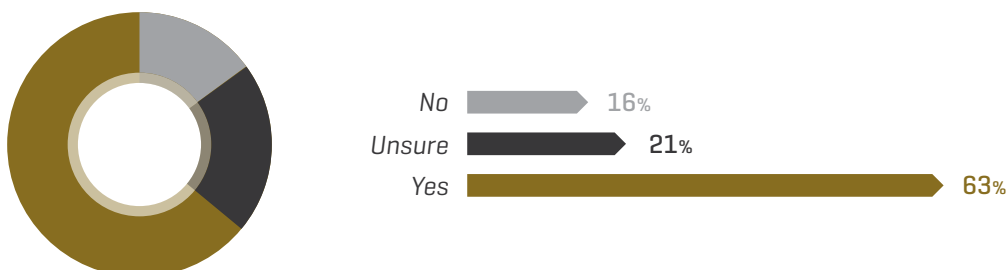
Would you be interested in Agile testing certification?

Test Engineers

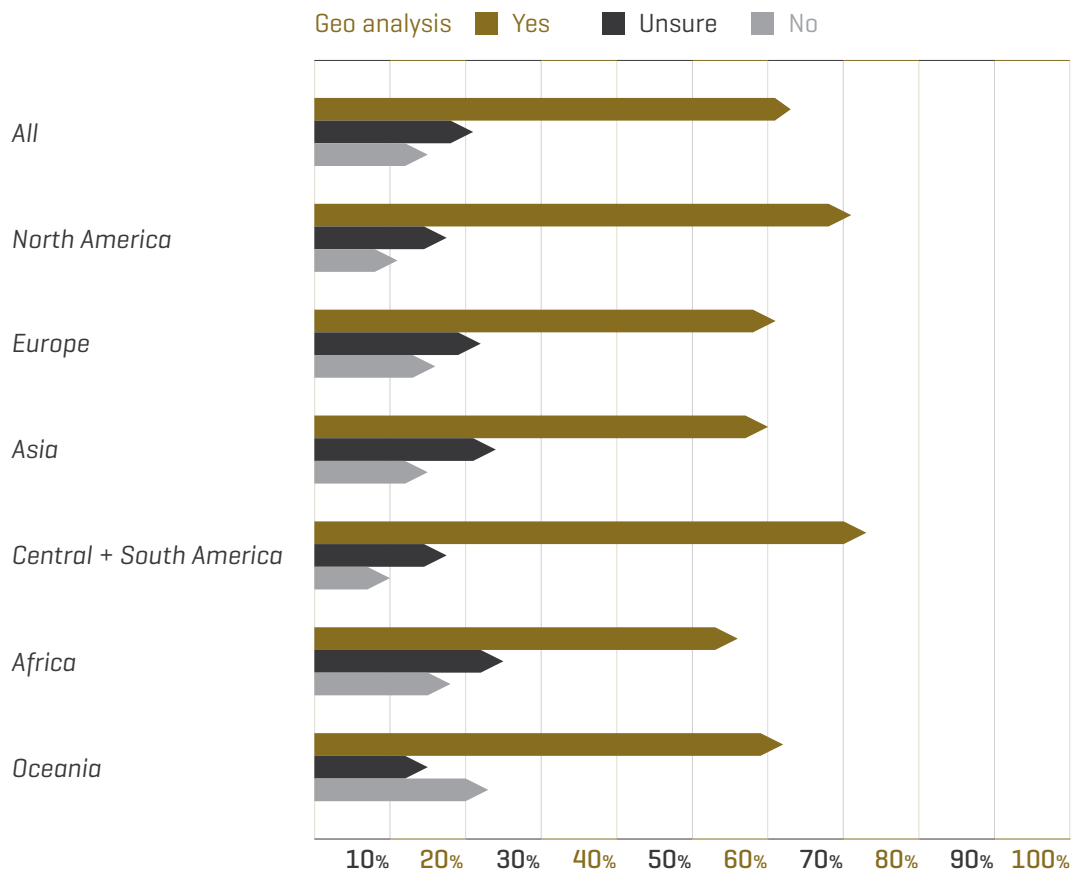


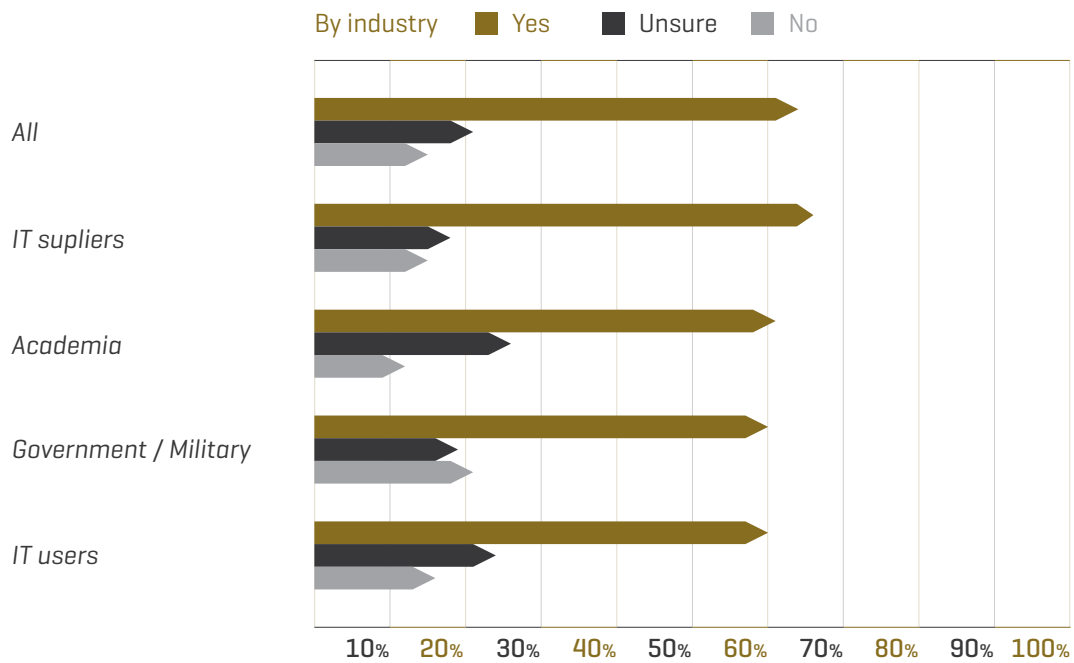
Approximately 85% of the respondents are definitely or possibly interested in Agile testing certification. With the planned release in early 2014 of the Agile tester certification extension to the Foundation Level, ISTQB® is well-positioned to respond to the expected demand.

Test Managers



Would you be interested in Agile testing certification?



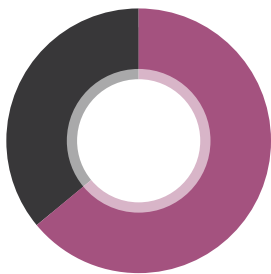


There is a strong demand for Agile certification throughout the world and across all major industries.

ACCREDITED TRAINING

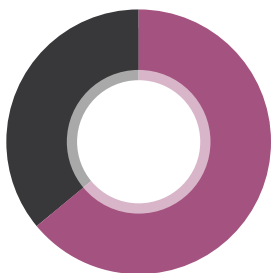
Did you take a formally accredited training course before the certification exam?

Test Engineers



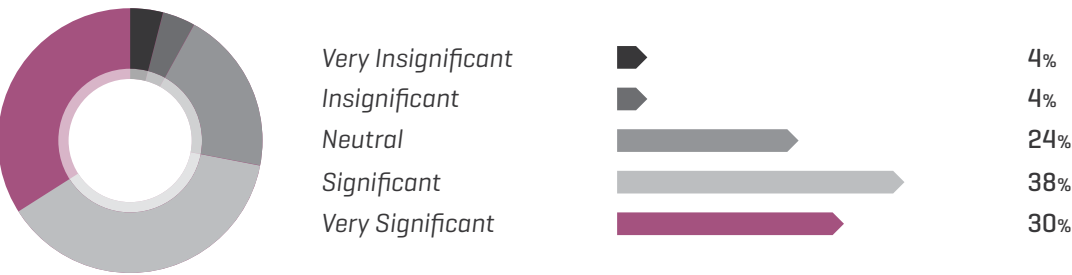
Almost two thirds of respondents indicated that they had undertaken a formally accredited training course before sitting the certification exam. As the availability of accredited training courses across all ISTQB® certification levels increases, we are expecting a corresponding increase in the number of ISTQB® certifications.

Test Managers



How significant do you think the training was in your certification success?

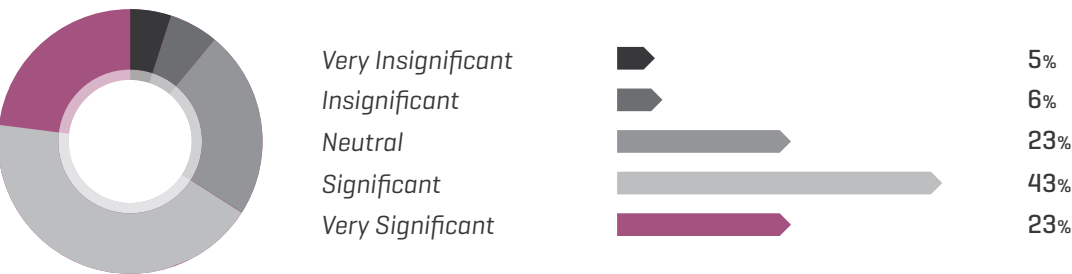
Test Engineers



Almost 70% of the survey participants felt that formal training was a significant part of their certification success.

The ISTQB® provides strong support for training providers and accredited training will continue to be an integral part of certification success.

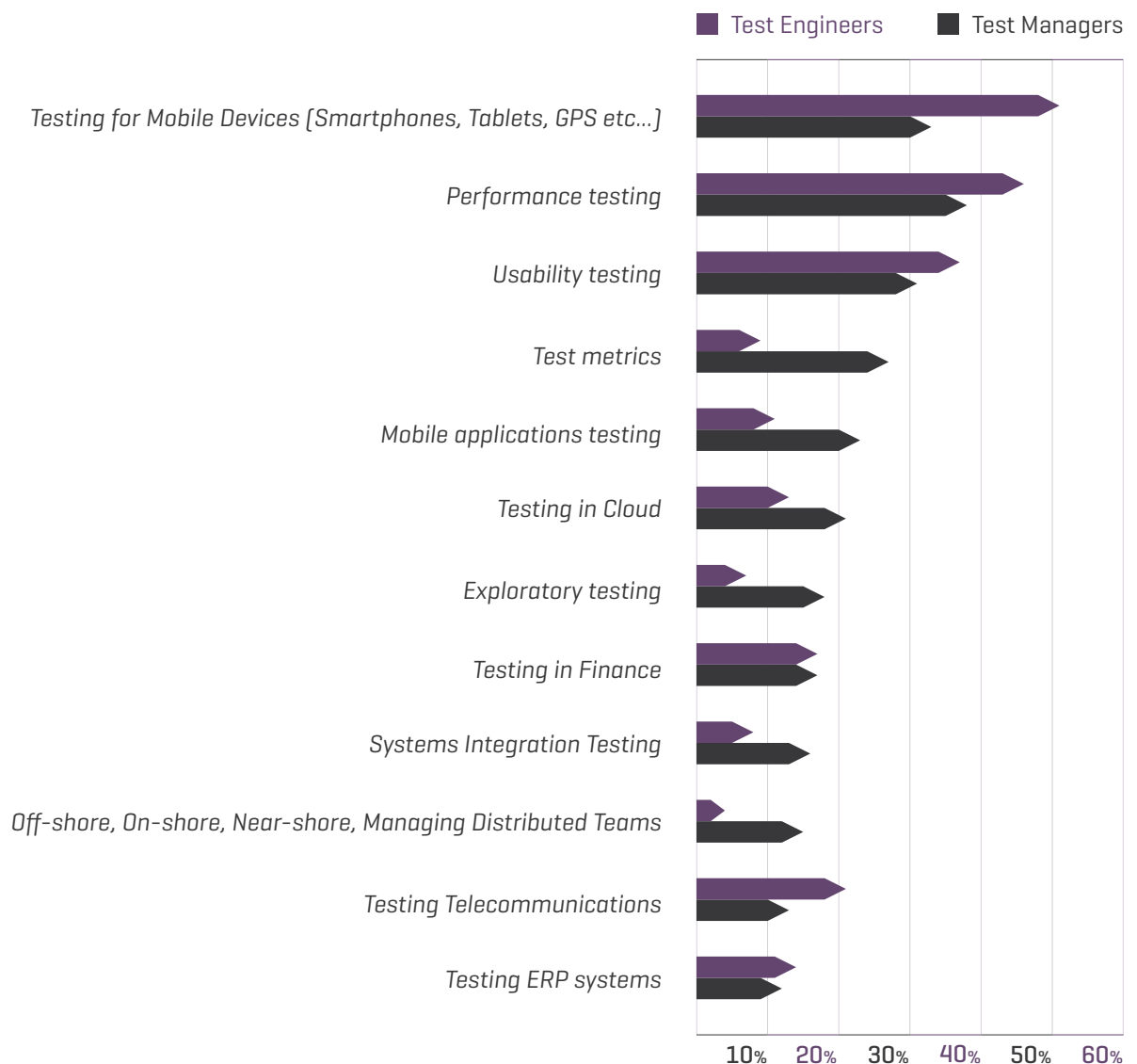
Test Managers





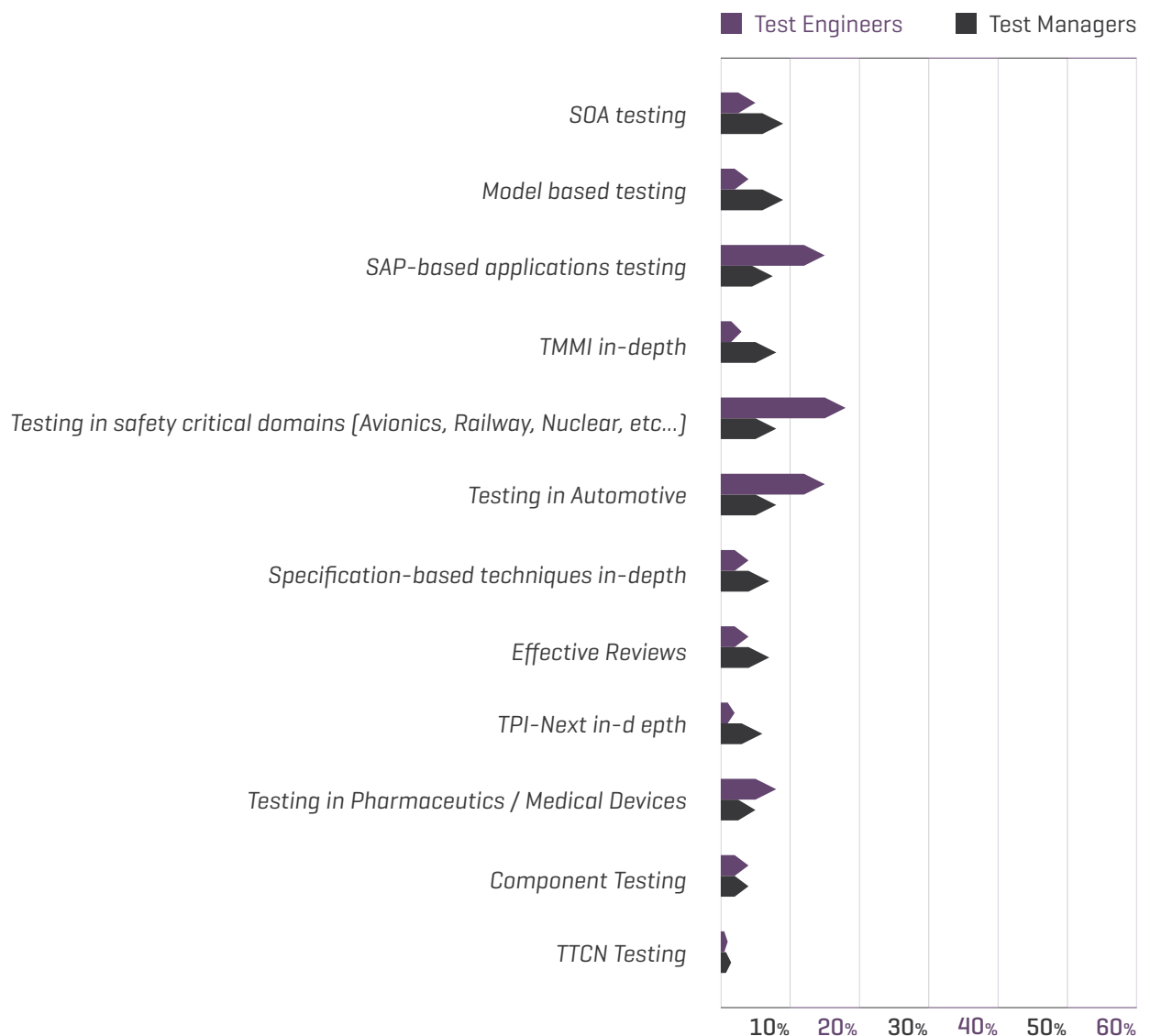
TOPICS FOR THE FUTURE

Please select at least 3 topics that you would like ISTQB® to address in the future.



In addition to Agile Testing [which was addressed by a specific question in the survey], Performance Testing, Testing for Mobile Devices, and Usability Testing have emerged as the most important topics in the industry. This finding was supported by both Test Managers and Test Engineers.

These three mainstream topics will be considered by ISTQB® as extensions to the current syllabi.



CREDITS

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Qualifications Board

