

# Agilité et outils en gestion de projet MNG 3116

## Module 3 – Planification (partie 2) et exécution d'un projet

Séance 7 - Cérémonies Scrum et auto-gestion

**Statistiques sur l'application de l'agilité et de Scrum**

# Executive Summary

Welcome to the 15th State of Agile Report, the longest continuous annual series of reviews of agile techniques and practices.

This year's report highlights several important milestones in Agile's journey from its initial principles aimed at software development teams to its current widescale adoption to drive business value and deliver speed and quality in software delivery.

As we reach 20 years since the creation of the "Manifesto for Agile Software Development," we feel it is a good time to look back and reflect at the remarkable journey Agile has experienced over these past two decades.

Since the global pandemic emerged in early 2020, organizations are now aware of the opportunities and challenges ahead and realize being successful in the digital age requires agility in software development and delivery, as well as business strategy and operational execution. With today's enterprises under increased pressure to respond quickly to the needs of their customers and

stakeholders, they must bring new products to market faster and accelerate improvements to existing solutions and services.

This report offers a chance to look at the role Agile has played during this tumultuous period and to reflect on how the benefits of agile practices can help organizations adapt and excel in the path ahead.

As you explore the 15th State of Agile Report for current trends in agile software delivery with key highlights from past surveys, clearly Agile has the potential to be a steadying force in uncertain times.

*To recognize the significance of the 15th edition of the State of Agile survey, we spoke with many notable agile software delivery experts and influencers to get their take on the past, current and future states of agile software delivery. You'll see their views intermixed throughout the report, providing more depth and context to the findings. We'd also like to thank both Scrum.org and Scaled Agile for their help in distributing this year's survey.*

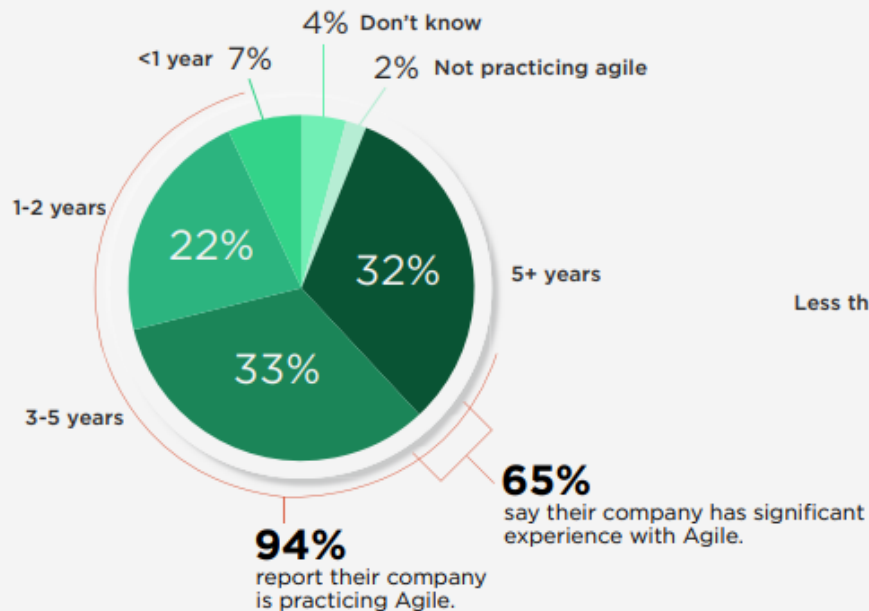
Rapport ciblant le domaine du logiciel

Par contre, même si vous n'êtes pas en TI, vous pourriez être impliqué dans un projet de transformation numérique....

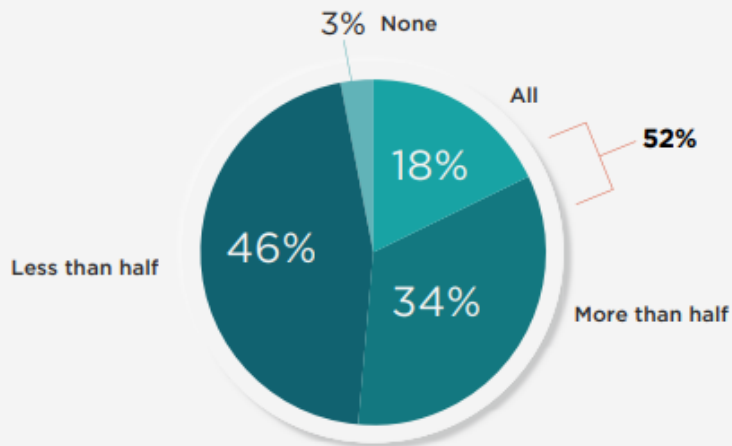
# Expérience de l'agilité

## Company Experience with Agile

How long has your company been practicing agile?



How many of your company's teams have adopted agile practices?



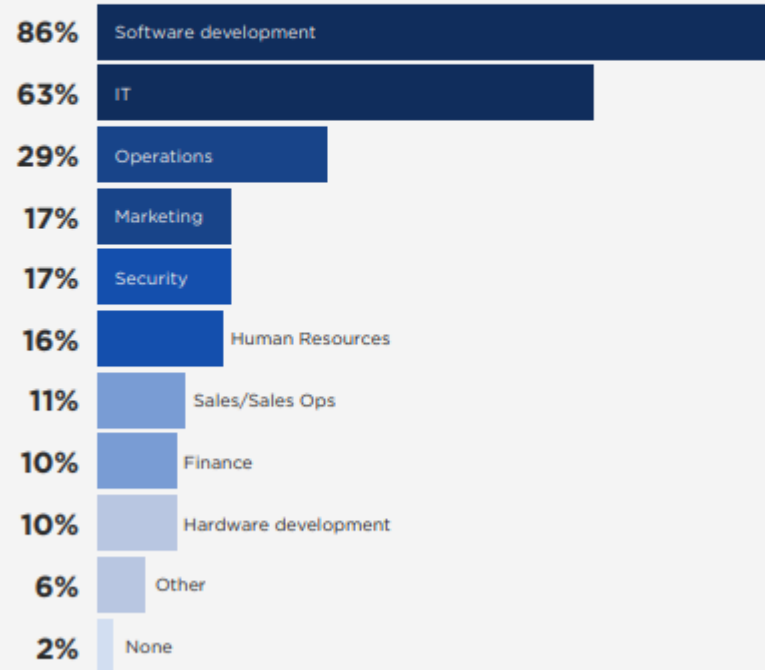


# Secteurs de l'organisation et adoption de l'agilité

## Company Experience with Agile

Which areas of your organization have adopted Agile principles and practices?

\*Respondents were able to select multiple responses to this question.



# Agile Adoption

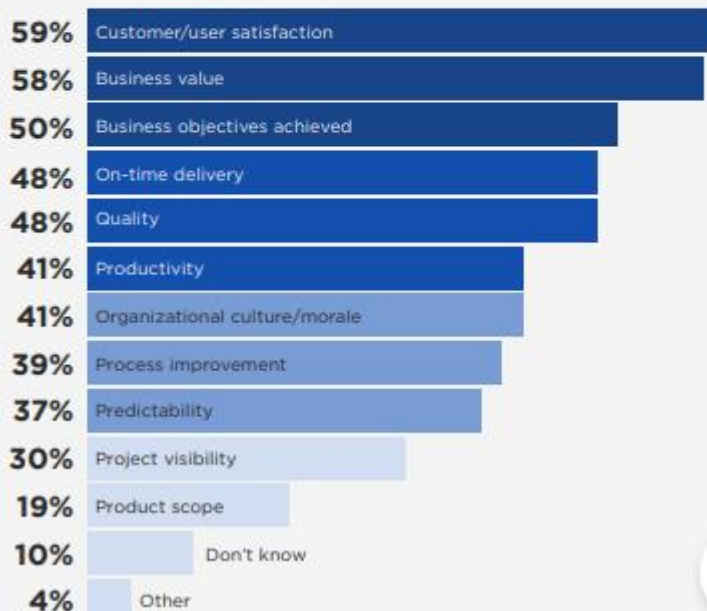
Business and IT alignment and visibility across agile teams were highlighted as key to leading agile adoption.  $\frac{2}{3}$  of respondents identified management, visibility, and alignment as receiving the strongest positive impact from adopting agile approaches.

## Has the implementation of agile positively impacted each of the following areas within your company?



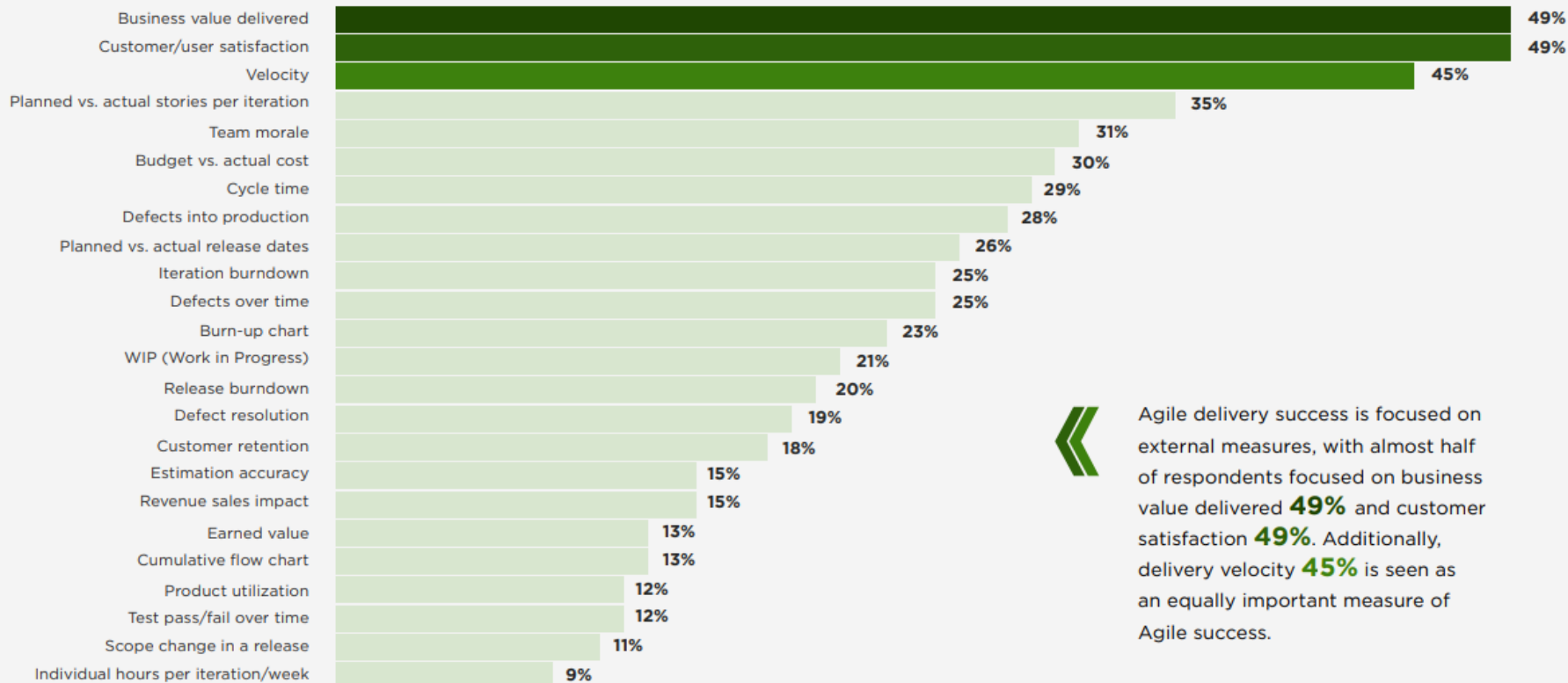
When assessing the metrics organizations use to determine agile transformation success, the survey shows three in five respondents look to externally focused measures of success.

## How does your organization measure success of Agile transformations?



# Agile Adoption

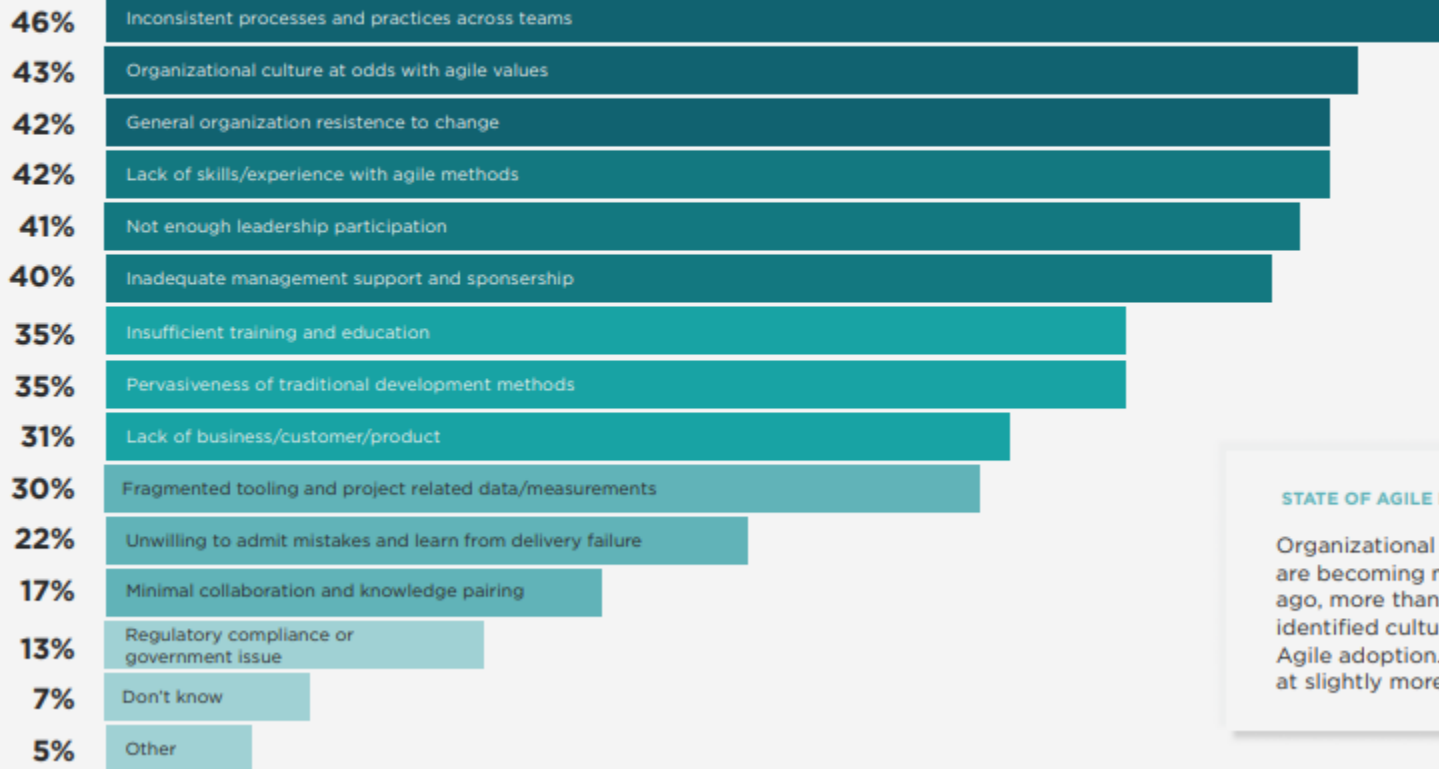
## How does your organization measure the success of Agile delivery?



Agile delivery success is focused on external measures, with almost half of respondents focused on business value delivered **49%** and customer satisfaction **49%**. Additionally, delivery velocity **45%** is seen as an equally important measure of Agile success.

# Agile Challenges

What are the most significant barriers to adopting and scaling Agile practices in your current organization?



## STATE OF AGILE LOOK BACK ↩

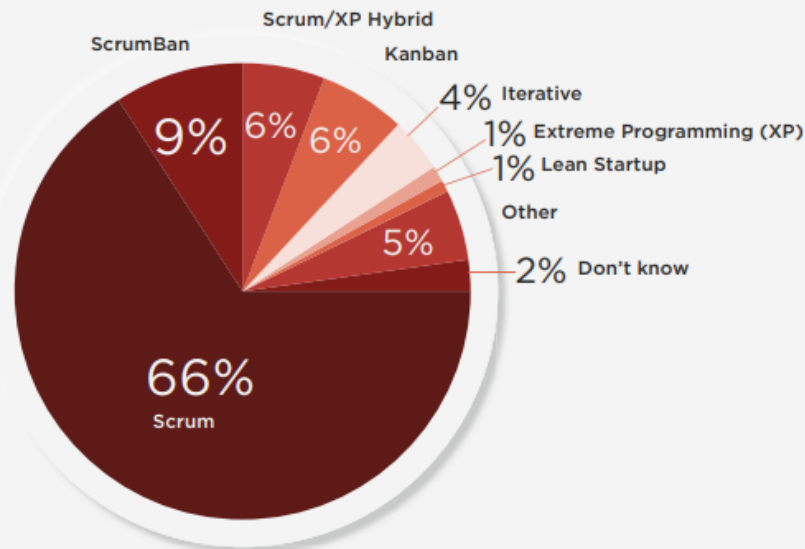
Organizational culture and Agile values are becoming more aligned. A few years ago, more than 8 out of 10 respondents identified culture as a significant barrier to Agile adoption. That number now stands at slightly more than 4 in 10.



# Agile Techniques and Maturity

The survey once again highlighted Scrum as the most popular Agile approach with **66%** identifying it as the methodology they follow most closely, with an additional **15%** who follow derivations of Scrum (ScrumBan **9%** and Scrum/XP **6%**).

**Which Agile methodology do you follow most closely at the team level?**



In terms of agile techniques and practices, at least four out of five respondents cited:

- Daily standups **87%**,
- Retrospectives **83%**, and
- Sprint/iteration planning **83%** were used.

In addition:

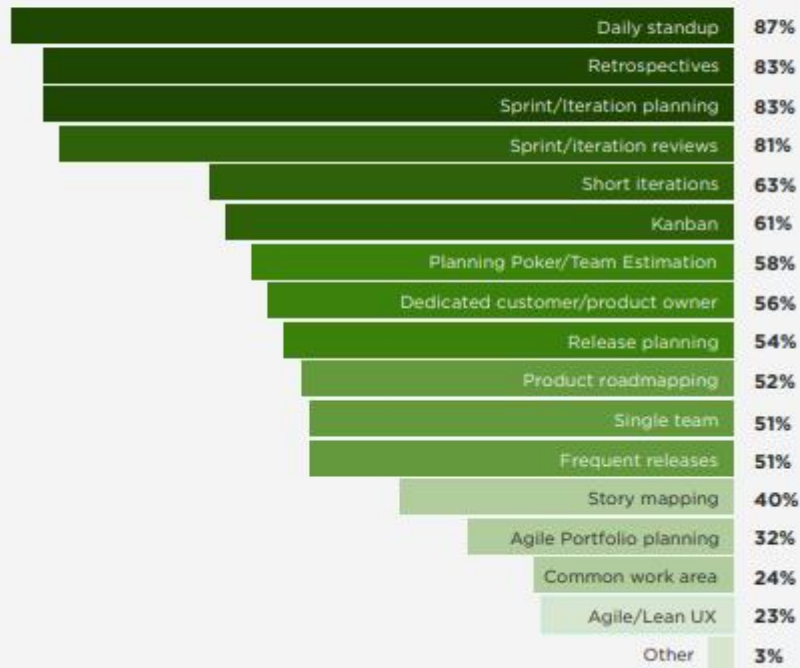
- Kanban boards **77%**,
- Task boards **67%**, and
- Spreadsheets **66%** are all widely used for agile planning.



## Agile Techniques and Maturity

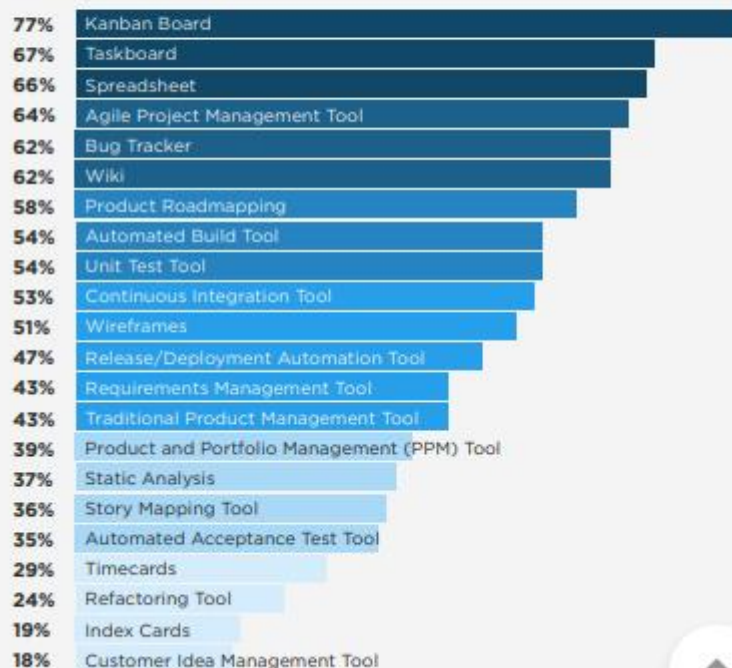
Almost nine in 10 respondents use daily standups while over four in five use retrospectives and sprint/iteration planning.

Which of the following Agile techniques and practices does your organization use?



$\frac{3}{4}$  of respondents say they use kanban boards while  $\frac{2}{3}$  use taskboards and spreadsheets.

Which Agile planning and delivery tools do you currently use?

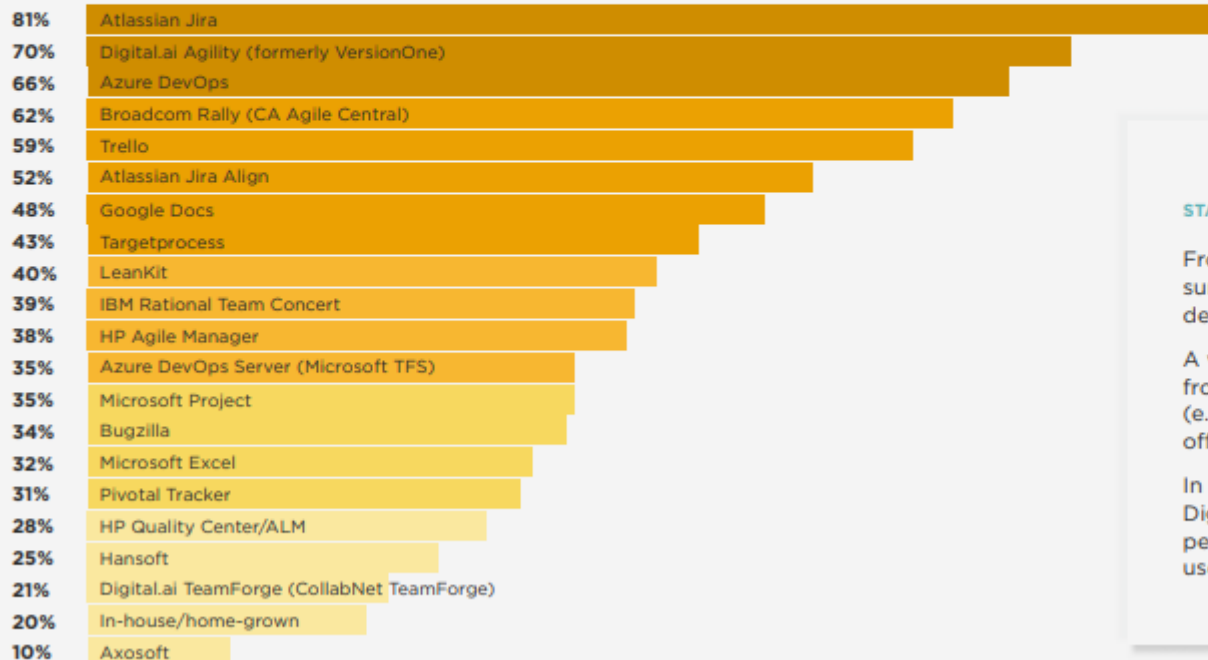


## Agile Tooling

Agile practitioners rely on a wide variety of tools to support Agile techniques and practices. However, the survey indicated that two tools, Atlassian Jira (**81%**) and Digital.ai Agility (**70%**), were the most highly recommended to colleagues by their users.

Based on your experience using agile planning tools, which ones would you recommend to someone else?

\*Respondents were able to select multiple responses to this question.



### STATE OF AGILE LOOK BACK

From the earliest days of the State of Agile survey, tool support has been a key component determining the success of Agile.

A varied collection of tools is employed, ranging from generic planning and management tools (e.g., Microsoft Office) to specialized commercial offerings.

In the past few years, Atlassian Jira and Digital.ai Agility have seen the highest percentage of recommendations from their users.

