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Cloud Computing Study 2024

Insight into organizations' cloud strategy plans, business drivers, and investments.

Purpose and methodology

Survey goal

To measure cloud computing trends among technology decision-makers including usage and plans across multiple cloud services, investments, business drivers and shifting services and applications to the cloud.

Total respondents 821

Collection method
Online questionnaire

Number of questions 33

Average company size 12,972 employees

Region
North America **43%**
APAC **40%**
EMEA **16%**

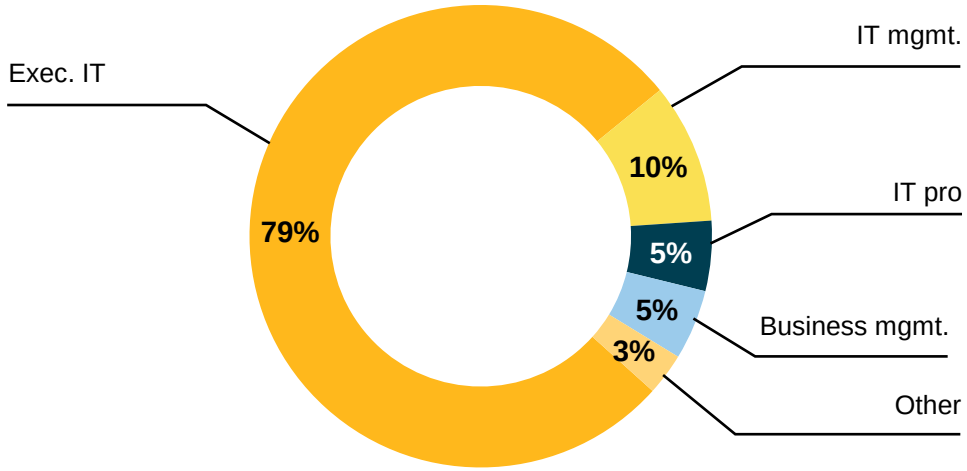
IT leadership

All survey respondents are involved in the purchase process for cloud computing and their organization has, or plans to have, at least one application, or a portion of their infrastructure, in the cloud.

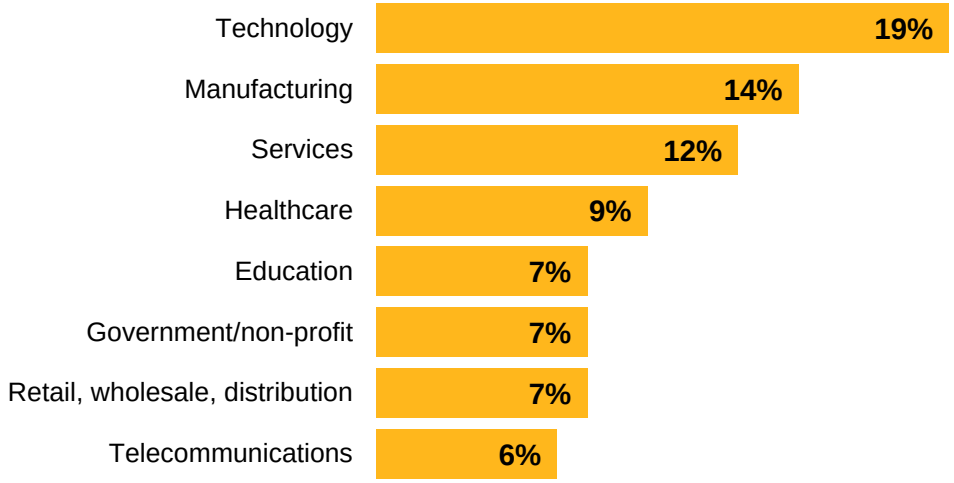
Audience base

CIO, Computerworld, CSO, InfoWorld and Network World email invitations to audience base.

Job titles



Top represented industries



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Source: Foundry Cloud Computing Study, 2024

What’s driving cloud computing initiatives?

- Improving security and/or governance
- Improving scalability
- Accelerating adoption of new technology (AI/ML, etc.)
- Replacing on-premises legacy technology
- Improving employee productivity
- Enabling disaster recovery & business continuity

Question: What business objectives are driving cloud investments at your organization?

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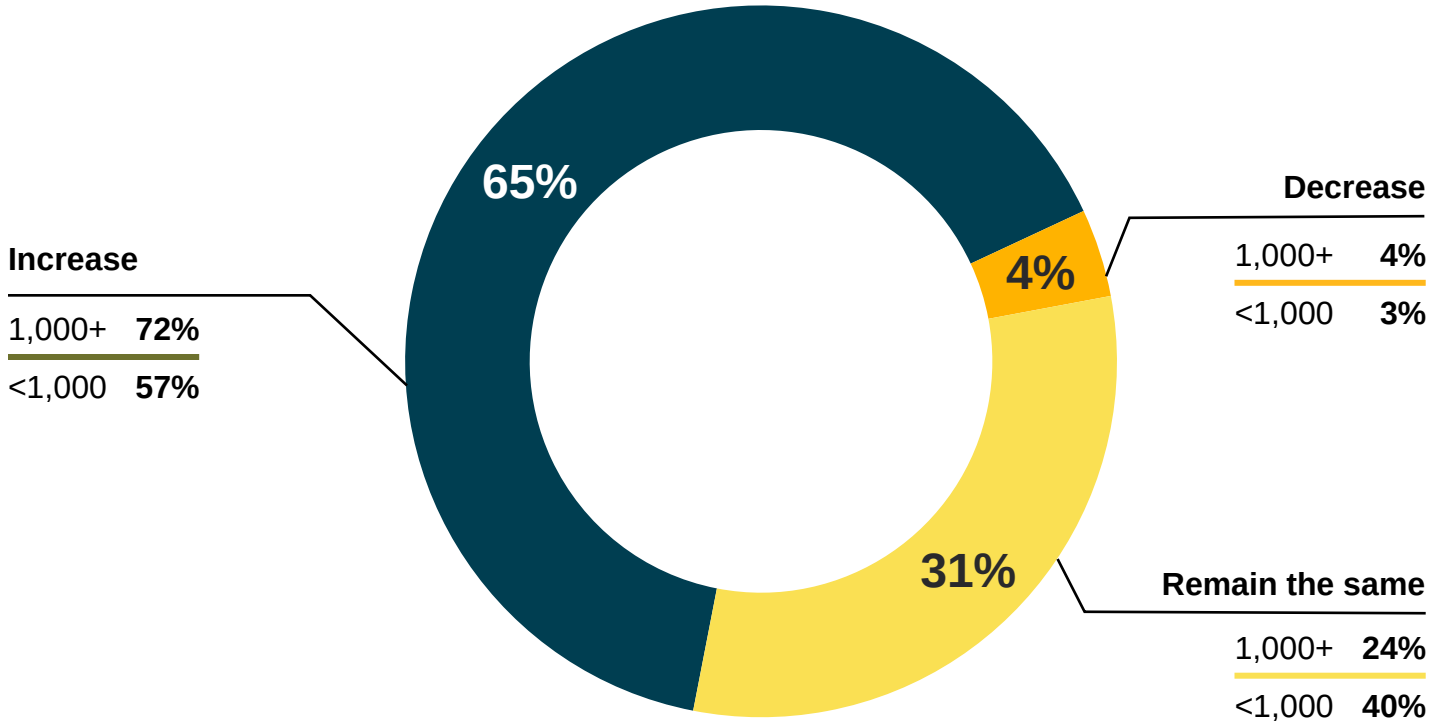
Source: Foundry Cloud Computing Study, 2024

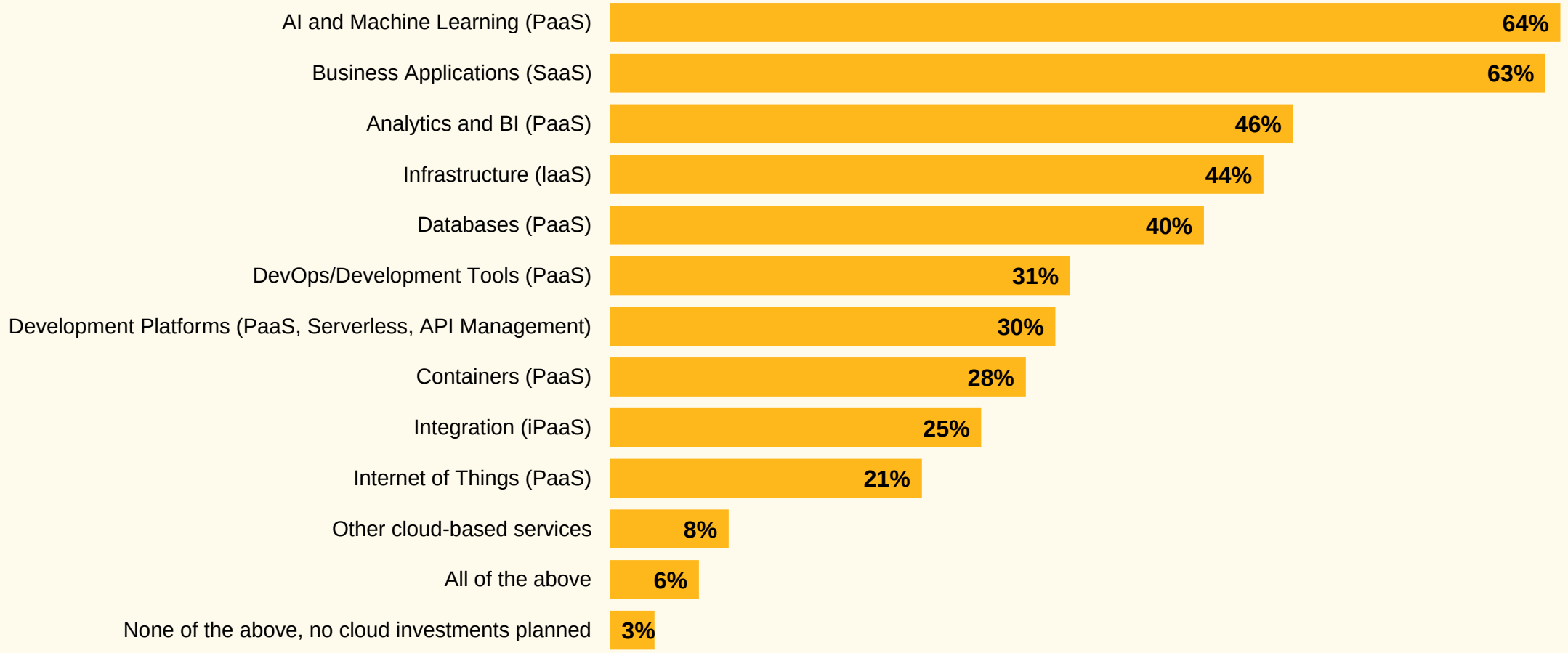
Cloud spending to see growth and stability



Question: How do you expect cloud spending to change over the next 12 months at your organization?

Source: Foundry Cloud Computing Study, 2024

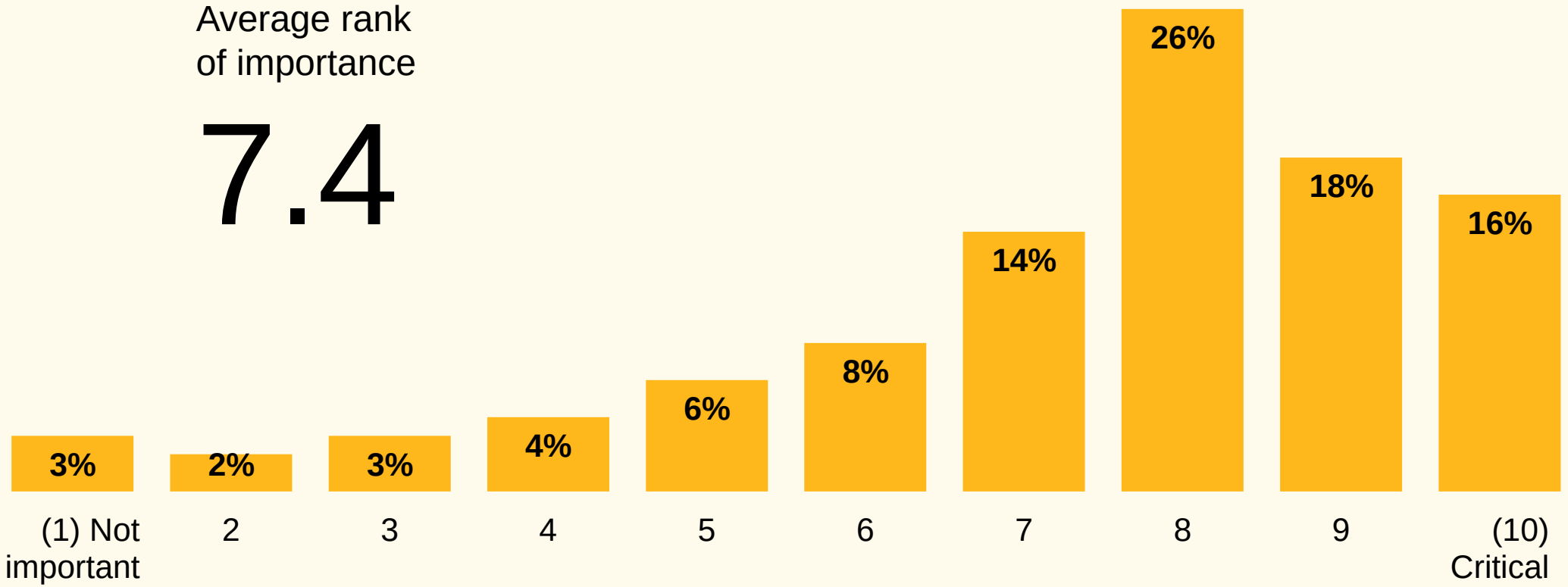
AI and business applications lead cloud investment plans



Question: Which cloud-based services do you expect your organization will invest in over the next 12 months?

Source: Foundry Cloud Computing Study, 2024

Importance of industry-specific cloud offerings



Question: How important is the availability of an industry-specific offering or instance when you are selecting cloud applications and services?

Source: Foundry Cloud Computing Study, 2024

Movement from cloud back to on-premises locations

37%

of ITDMs say their organization has moved apps or workloads from the cloud to an on-prem location

29% <1,000
45% 1,000+

Top 5 apps or workloads moved back:

1. Database (SQL, NoSQL)
2. Storage/archive/backup/file server
3. Website/web app
4. AI/ML applications
5. CRM/ERM/Line of business apps

Question: Has your organization moved applications or workloads from the cloud to an on-premises location?
Question: Which types of applications or workloads has your organization moved from the cloud to an on-premises location?

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Source: Foundry Cloud Computing Study, 2024

Challenges stalling cloud adoption

1. Budget/cost
2. Security and/or compliance concerns
3. Integration/migration challenges
4. Skills gap
5. Performance and reliability
6. Internal resistance

Question: Which of the following have slowed or stalled cloud adoption at your organization over the past 12 months, if any?

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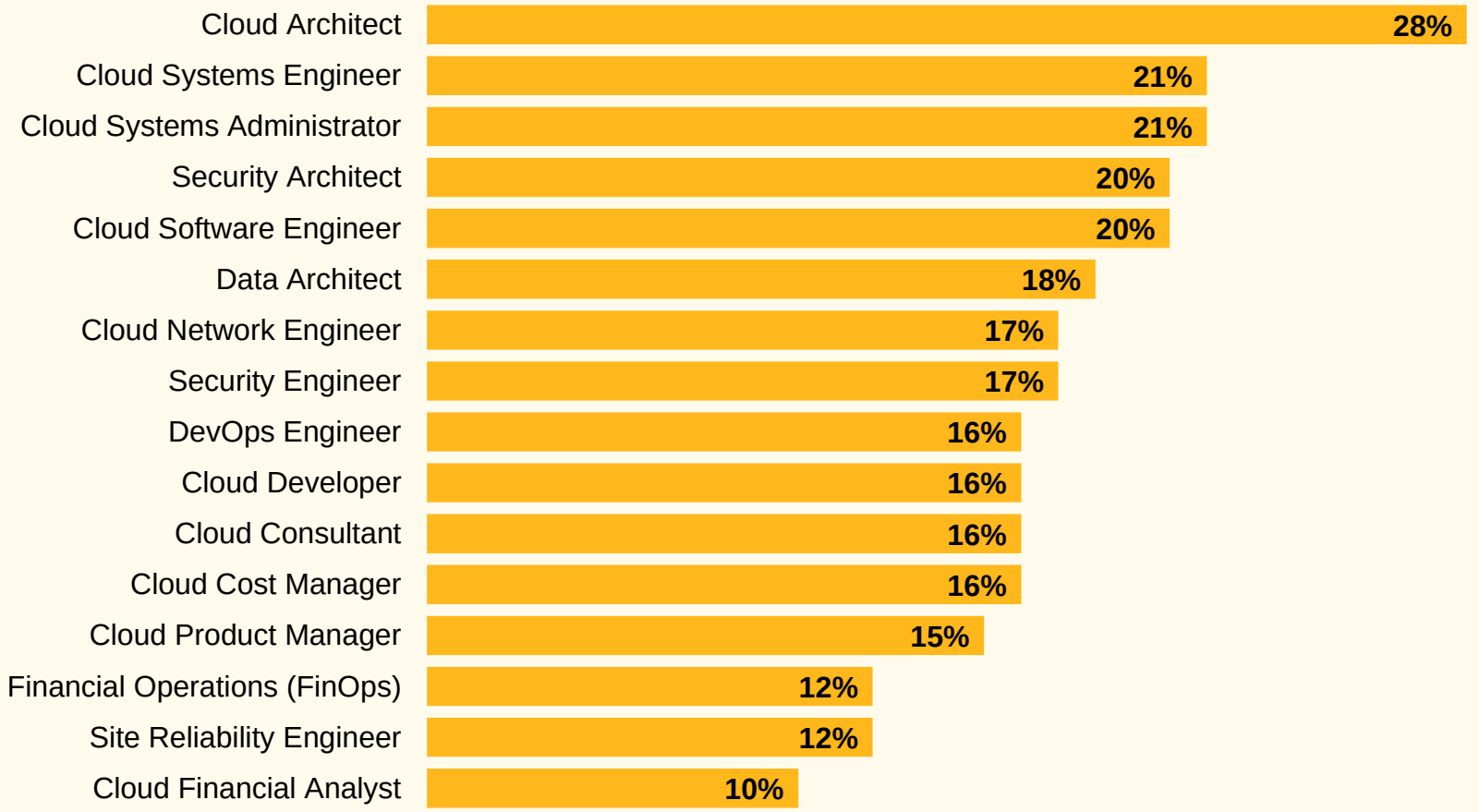
Source: Foundry Cloud Computing Study, 2024

Good news, organizations are investing in new cloud roles

81%

of organizations have added new roles and functions as a result of their cloud investments

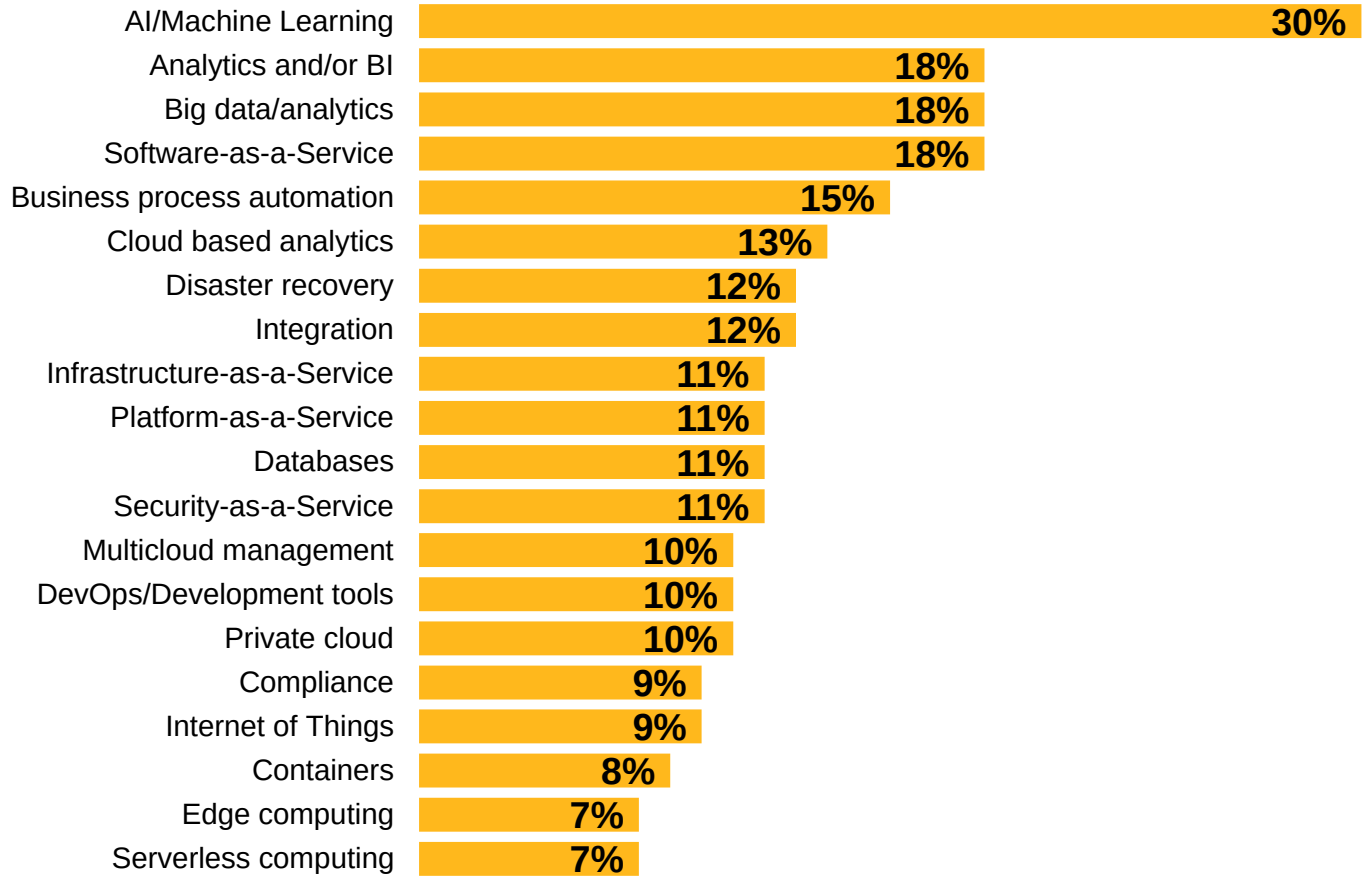
1,000+	**90%**
<1,000	**70%**



Question: What new roles and functions have been added at your organization as a result of your cloud investments?

Source: Foundry Cloud Computing Study, 2024

AI is a top growth area among cloud capabilities



60%

of IT decision-makers understand their cloud provider's roadmap for integrating AI tools in their platforms.

1,000+	**67%**
<1,000	**51%**

Question: Which of these cloud capabilities do you expect to be top growth areas for your organization over the next 12 months?

Source: Foundry Cloud Computing Study, 2024