



EQUINIX

Equinix 2022 Global Tech Trends Survey

Results Report – Nigeria



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Background and Methodology

Background

Global Tech Trends Survey

Exploring global digital leaders' views on the trends, challenges and opportunities shaping businesses around the world.

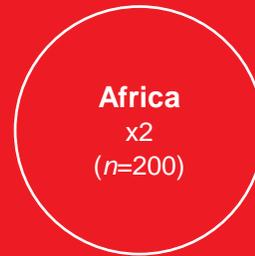
The annual [Equinix Global Tech Trends Survey](#) gathers opinions on the biggest tech trends from IT leaders around the world. The results provide comparisons of IT strategies across regions and countries, around key themes including:

- 5G and Edge
- Cloud
- Tech Talent
- Interconnection
- Sustainability
- Impact of COVID-19

Methodology



2,900 IT decision-makers in 29 markets surveyed from 01 March 2022 – 29 March 2022



*Nigeria and *South Africa



This report presents an overview of the results for Nigeria exclusively based on a survey executed among 100 IT decision-makers in the country.

Executive Summary

Introduction

As the world continues to face new challenges and navigate uncharted territories, businesses must become ever more agile. Leaders will need the ability to pivot at a moment's notice to position themselves to take full advantage of the opportunities ahead.

To be prepared, they are planning to invest heavily in their digital infrastructure to support expansions into new regions, countries and cities.

Concerns over labor shortages, supply chain challenges and the new hybrid work dynamic are driving a need for more virtualization. As they attempt to regain their footing in the wake of the pandemic and an uncertain economic outlook, businesses must explore more resilient digital infrastructure solutions that drive both cost and revenue benefits for their organizations.

Our Global Tech Trends Survey gathers the opinions of 2,900 IT decision-makers from diverse enterprises across the Americas, Asia-Pacific and EMEA regions, on the current challenges and opportunities they face.

Our fourth iteration of the survey explores everything from the continued impact of COVID-19 on business strategies and spending, the adoption of evolving technologies, and opinions on tech skills attraction and retention.

As we look to what's next, we hope the wealth of data here stands as a useful guide to how IT teams can work to ensure the future success of their companies.

Karl Strohmeyer
Chief Customer Officer, Equinix

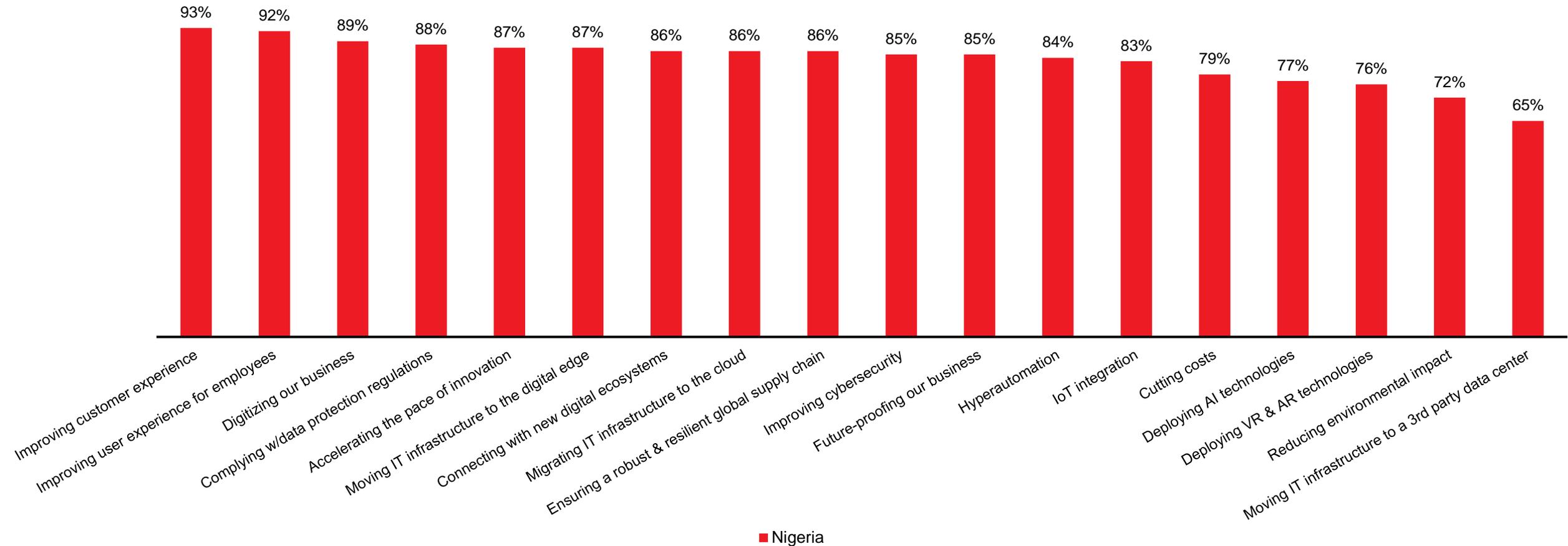
Findings

Digital – Underpinning Business

Future-proofing priorities

Over 9-in-10, Nigerian IT decision-makers consider improving customer experience and improving user experience for employees to be among the top priorities. Though notably, over eighty percent prioritize an additional 11 categories, suggesting several areas are considered priorities in Nigerian organizations' strategies.

How much of a priority is each of the following for your organization's technology strategy?
Total of "priority" (7, 8, 9, 10) on a 0-10 scale



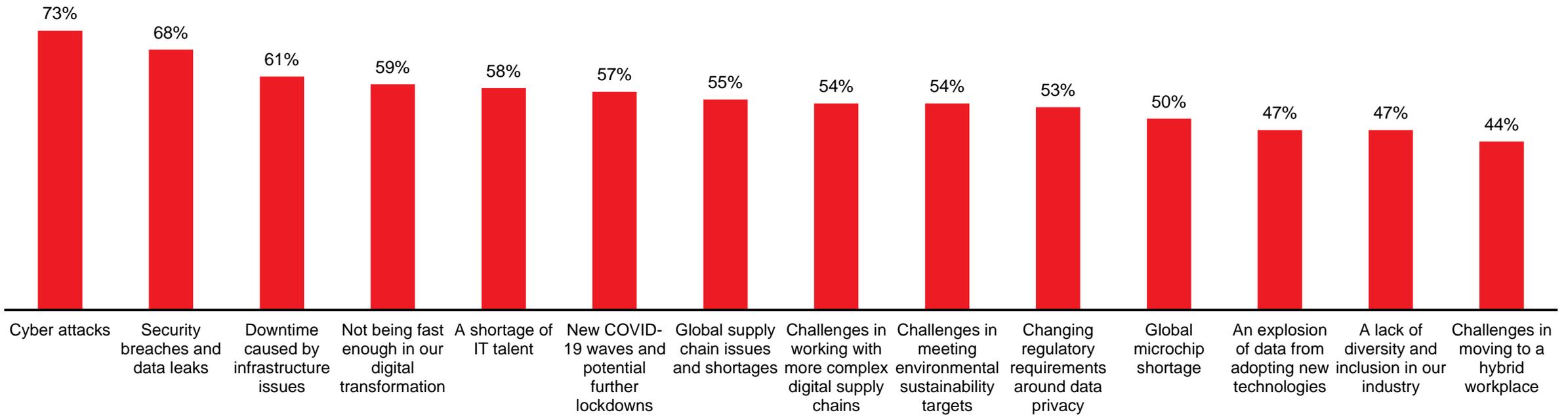
■ Nigeria

Q1: How much of a priority is each of the following for your organization's technology strategy?
 Nigeria: n=100

Threats to business success

In Nigeria, almost three-quarters consider cyber attacks to be the greatest threat to their organizations, though security breaches and data leaks, as well as downtime caused by infrastructure issues, are also among the top concerns for IT decision-makers in the country.

How much of a threat do you consider each of the following to be to your organization?
Total of "a threat" (7, 8, 9, 10) on a 0-10 scale



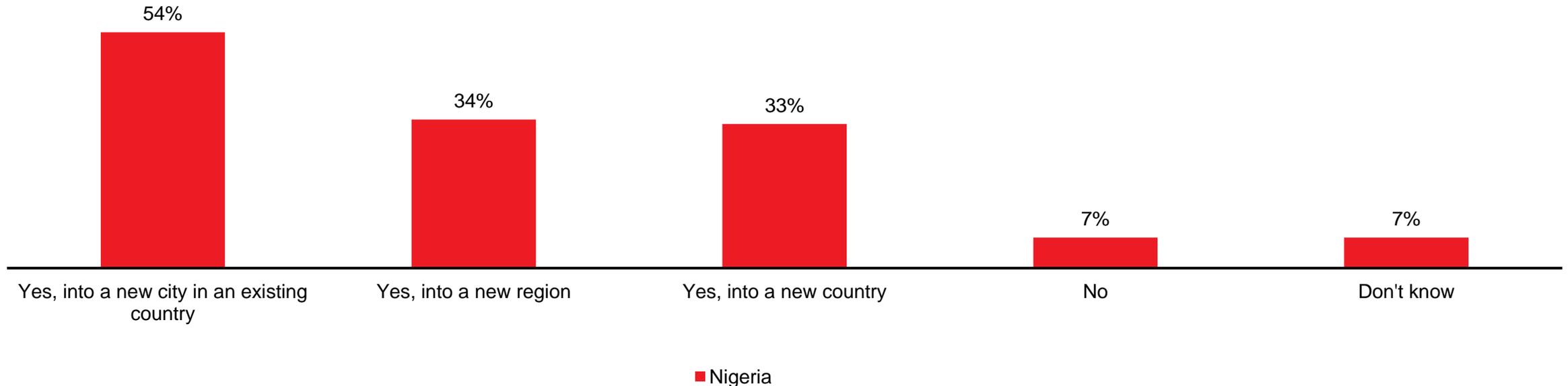
■ Nigeria

Q2: How much of a threat do you consider each of the following to be to your organization?
Nigeria: n=100

Expanding across geographies

An overwhelming majority of IT decision-makers in Nigeria are planning to move into a new geography of some kind. Over half indicate that they are planning to expand into a new city or an existing country.

Is your organization planning on expanding geographically in the next 12 months?

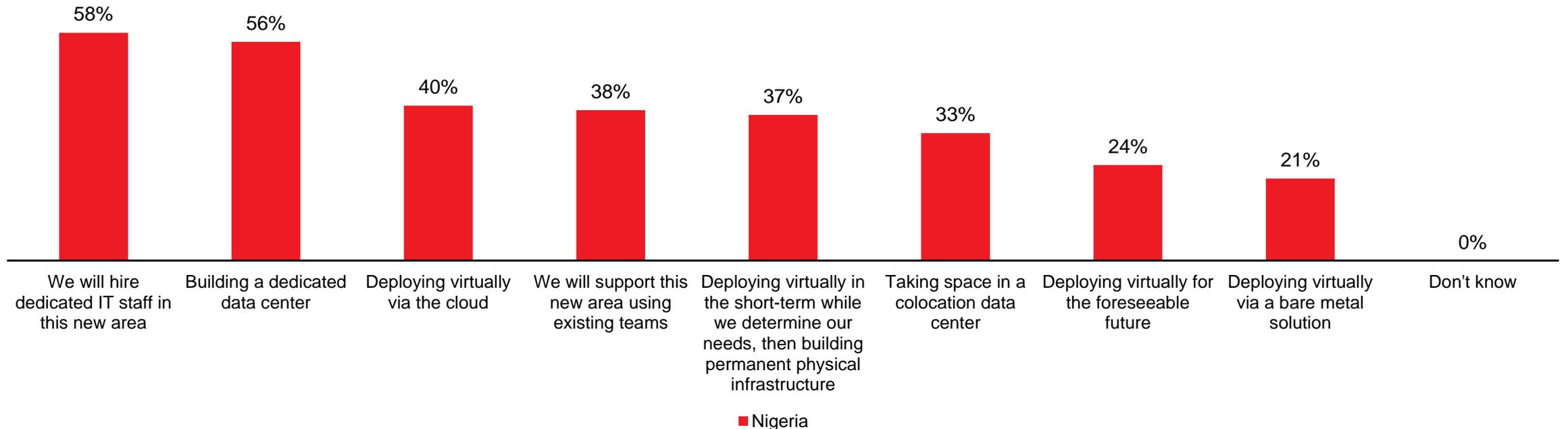


Q10: Is your organization planning on expanding geographically in the next 12 months?
Nigeria: n=100

Planning for digital expansions

Of those who are expanding, most plan to support the move by hiring a dedicated IT staff in the new area, and/or building a dedicated data center.

How do you plan on supporting this expansion from an IT perspective?
Sub-sample of respondents whose organization is currently expanding into new regions, countries or cities

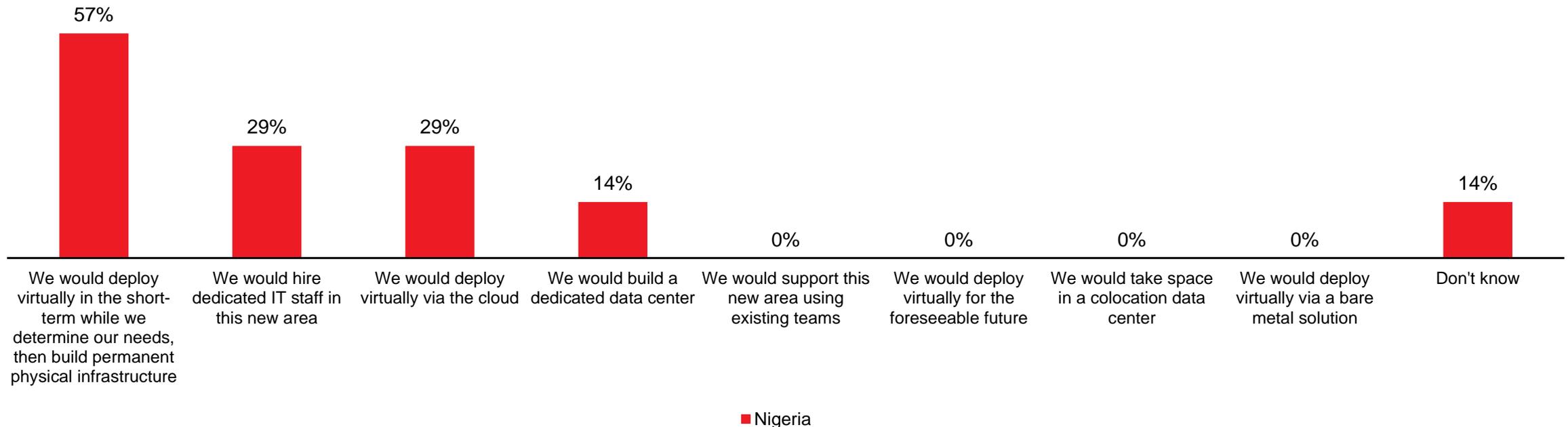


Q11: How do you plan on supporting this expansion from an IT perspective?
Nigeria: n=86

Proposed digital expansion plans

Among the very few ($n=7$) who are not planning to expand geographically, most would plan to deploy virtually in the short-term to determine their needs before building permanent physical infrastructure.

If you were to expand into a new region, country or city, what approach would you take when it comes to your IT infrastructure?
Sub-sample of respondents whose organization is not planning on expanding into new regions, countries or cities



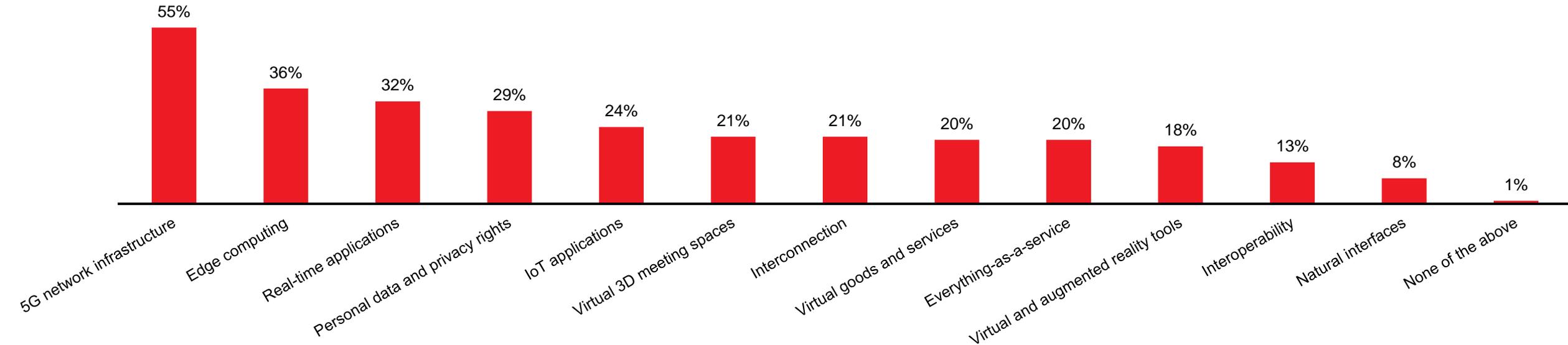
Q12: If you were to expand into a new region, country or city, what approach would you take when it comes to your IT infrastructure?
Nigeria: $n=7$

Three-year technology strategies

Looking to future planning, over half of Nigerian IT decision-makers they are considering 5G network infrastructure in their three-year strategy.

Thinking about your business and workplace in the future, are any of the following part of your organization's technology strategy for the next three years?

Total who ranked response option as first, second, or third



■ Nigeria

Q7: Thinking about your business and workplace in the future, are any of the following part of your organization's technology strategy for the next three years?

Nigeria: n=100

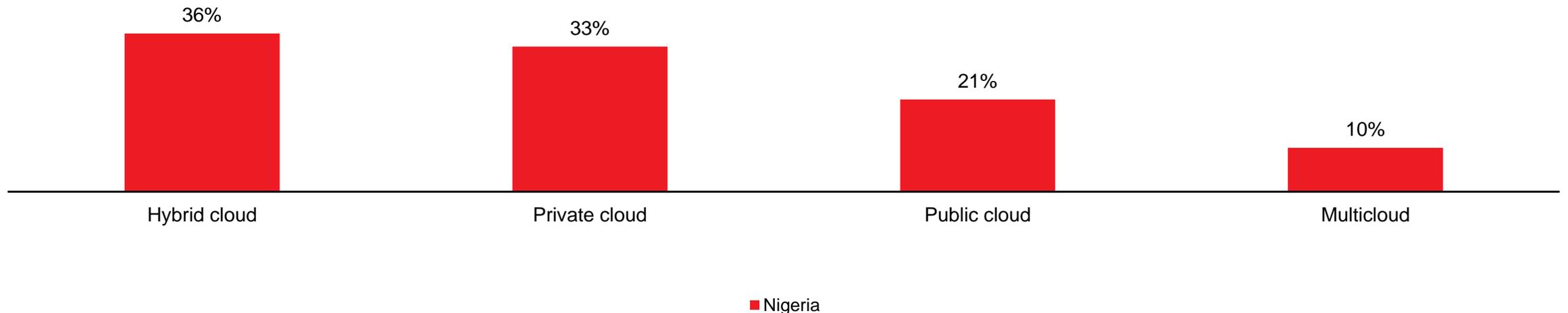
Findings

Cloud and Interconnection

Cloud as a component of digital-first strategies

The hybrid cloud is the most common deployment method for Nigerian IT decision-makers, followed by the private cloud. Use of public and multicloud is less common.

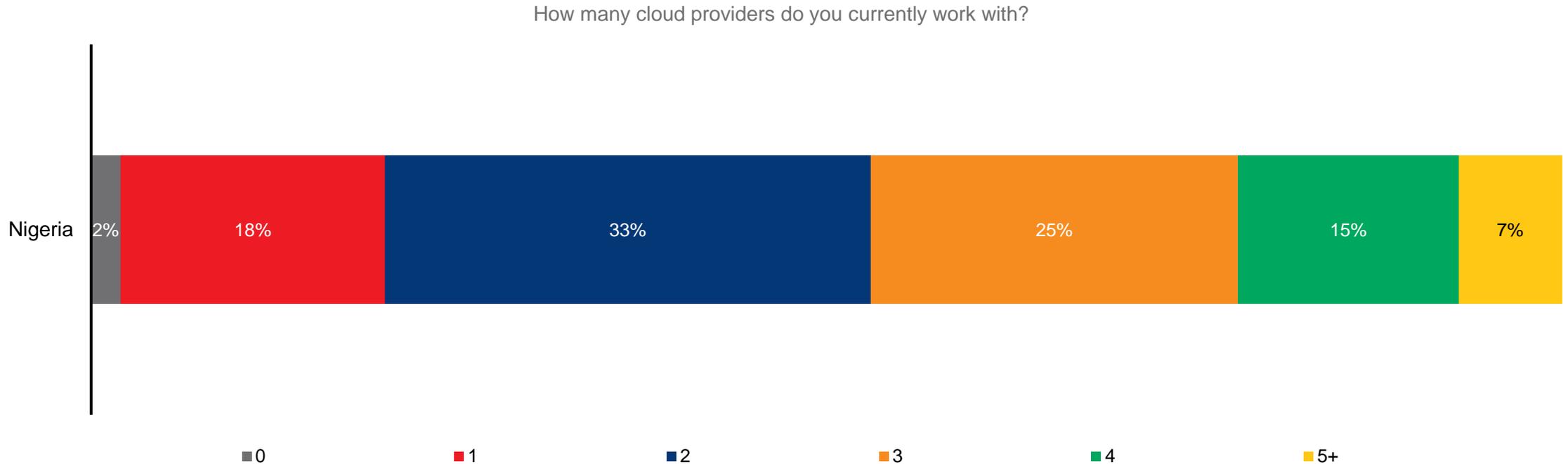
How are you deploying on the cloud?



Q13: How are you deploying on the cloud?
Nigeria: n=100

Multicloud models maintained

A majority of IT decision-makers in Nigeria work with 2-3 cloud providers, though a substantial minority (18 percent) use only one.

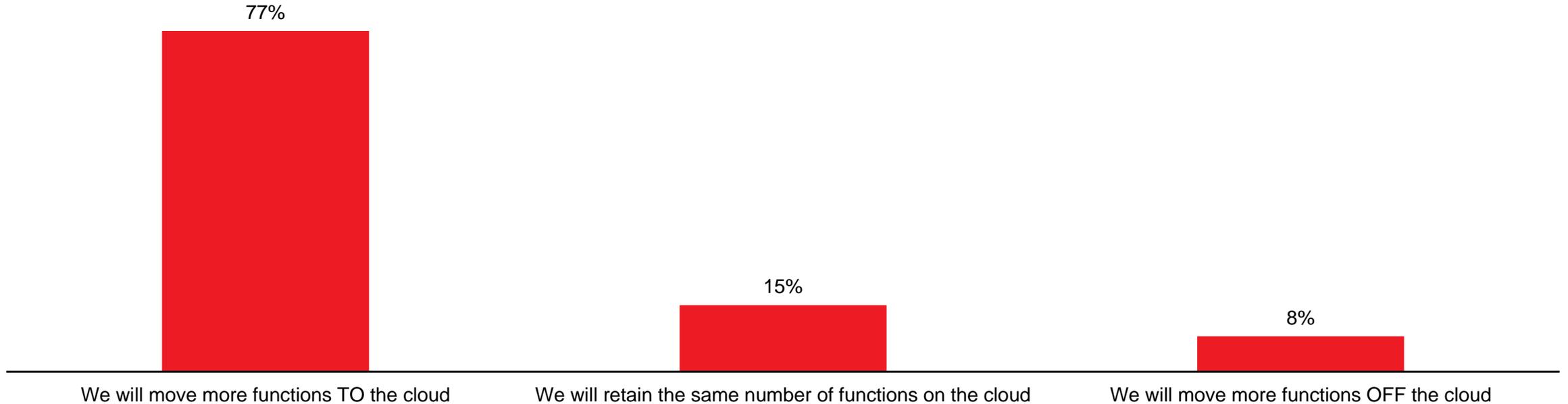


Q14: How many cloud providers do you currently work with?
Nigeria: n=100

Cloud migration expectations

A consensus of Nigerian IT decision-makers are planning to move more functions *to* the cloud, while only eight percent indicate they plan to move functions *off* of the cloud.

Thinking about the next 12 months, do you think your organization is likely to move more functions to the cloud, more functions off the cloud, or retain the same number of functions on the cloud?



■ Nigeria

Q15: Thinking about the next 12 months, do you think your organization is likely to move more functions to the cloud, more functions off the cloud, or retain the same number of functions on the cloud?

Nigeria: n=100

A measure of cloud confidence

Of those whose organizations plan to move functions to the cloud, an overwhelming majority plan to move databases to the cloud. Around half also plan to move security, and productivity tools like email and messaging to the cloud.

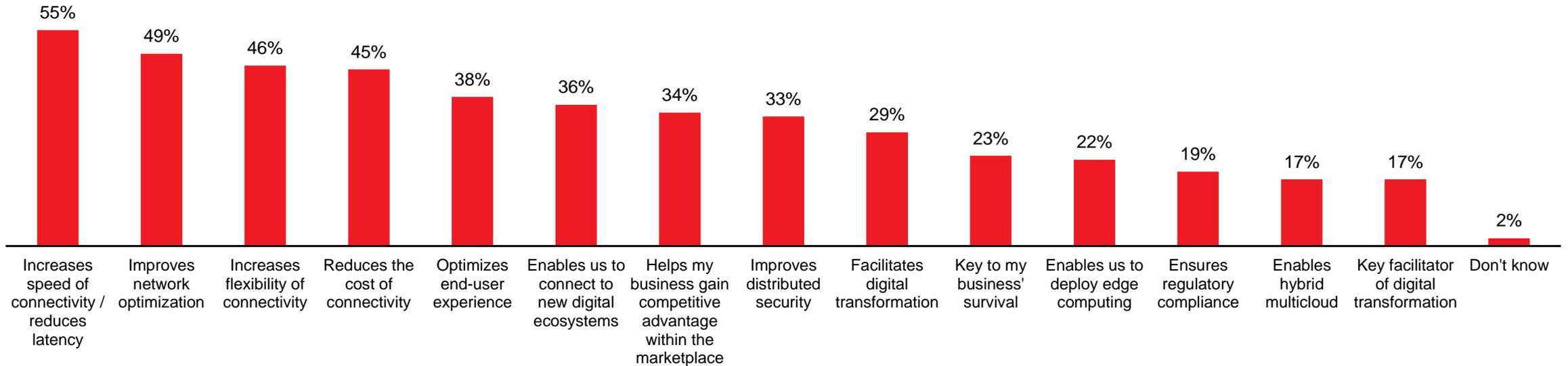


Q15a: What functions do you plan to move onto the cloud?
Nigeria: n=77

A continued need for interconnection

Increased speed of connectivity, improved network optimization, increased flexibility of connectivity, and reduced cost of connectivity are considered the most beneficial aspects of interconnection among Nigerian IT decision-makers.

What benefits does interconnection bring to your organization?



■ Nigeria

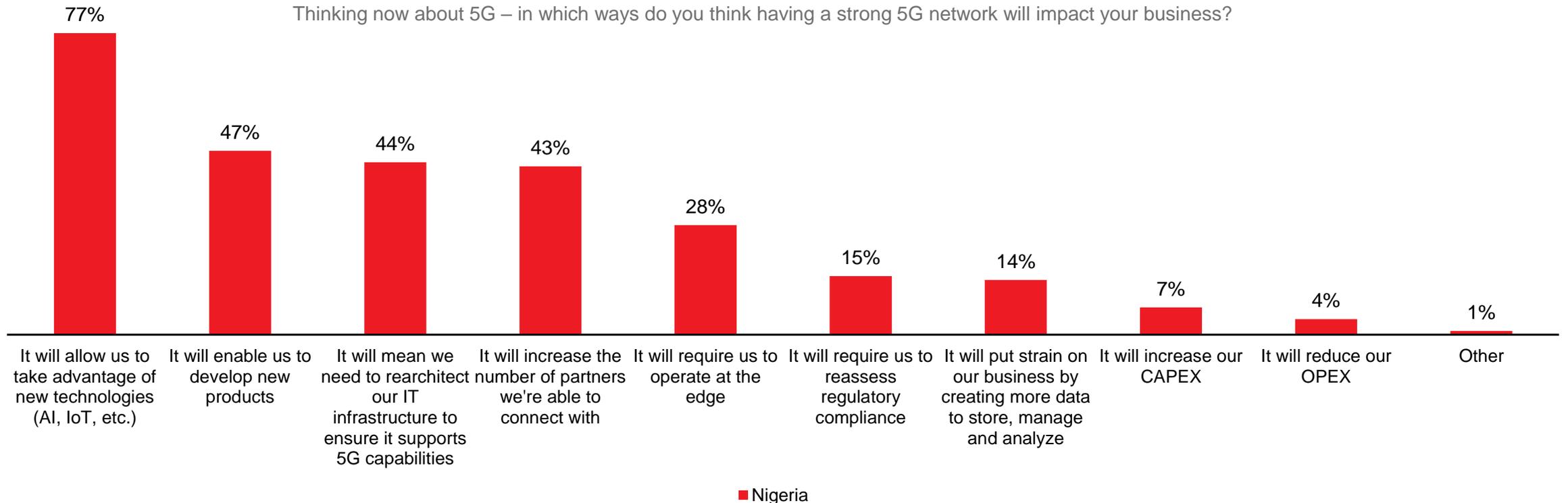
Q19: What benefits does interconnection bring to your organization?
Nigeria: n=100

Findings

5G and Edge

Views on 5G

IT decision-makers in Nigeria see the biggest impact of having a strong 5G network in allowing them to take advantage of new technologies (AI, IoT, etc.), followed by enabling product development. There is also the sense that a strong 5G network will increase the number of potential partners they can connect with, although it will require organizations to rearchitect their IT infrastructure to ensure it can support 5G capabilities.

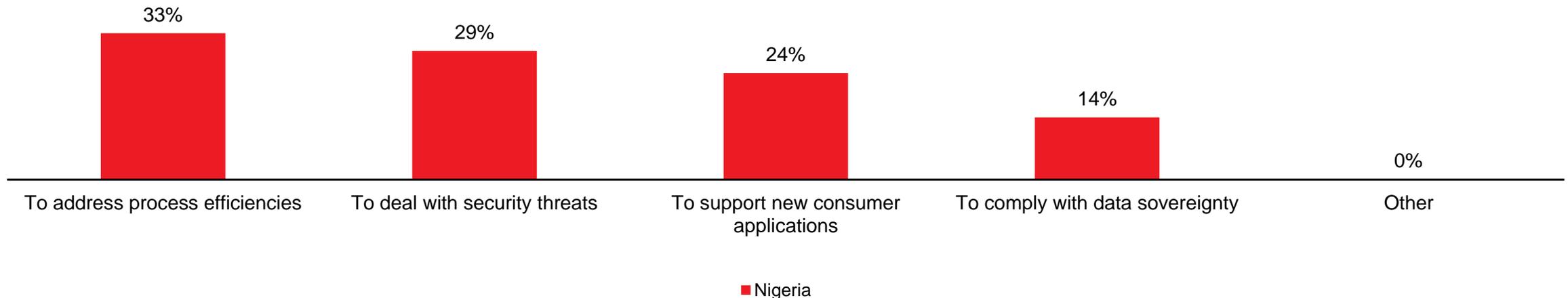


Q4: Thinking now about 5G – in which ways do you think having a strong 5G network will impact your business?
Nigeria: n=100

Expectations of the digital edge

A plurality of IT decision-makers in Nigeria say they are most likely to use the digital edge to address process inefficiencies, or to deal with security threats.

Thinking now about the proliferation of data and the increasing need to operate at the edge and adopt edge services – what are you most likely to use the digital edge to achieve?



Q5: Thinking now about the proliferation of data and the increasing need to operate at the edge and adopt edge services – what are you most likely to use the digital edge to achieve?
Nigeria: n=100

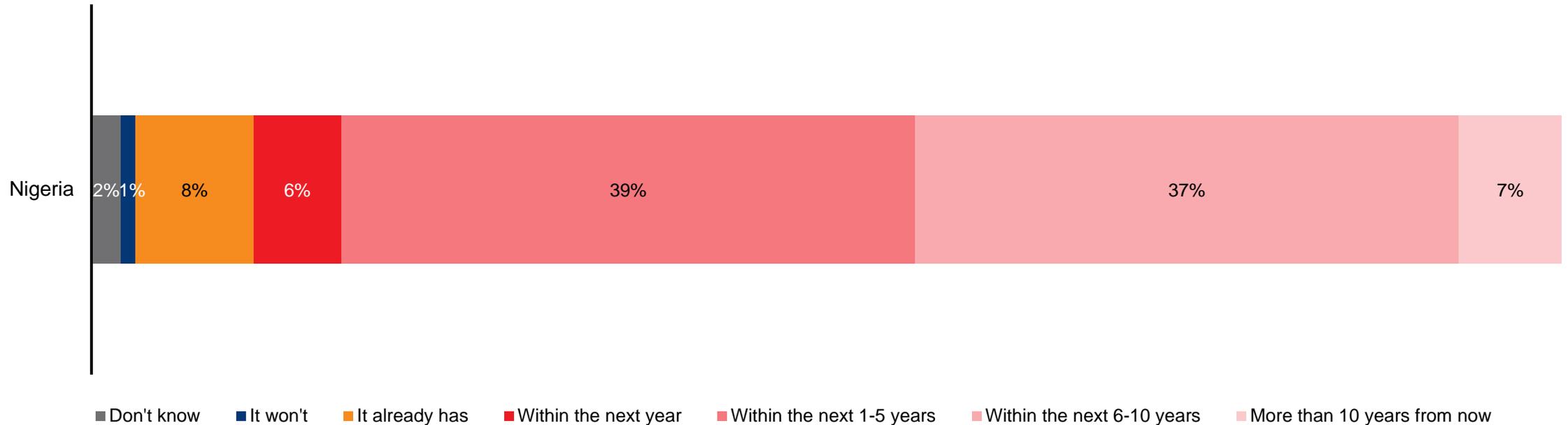
Findings

Evolving Tech

The evolution of Web 3.0

IT decision-makers in Nigeria are split as to whether they predict Web 3.0 will replace Web 2.0 in the next 1-5 years or in the next 6-10 years, but very few believe it will happen in less than one year.

Thinking now about the evolution of the internet, when do you believe Web 3.0 will replace Web 2.0?

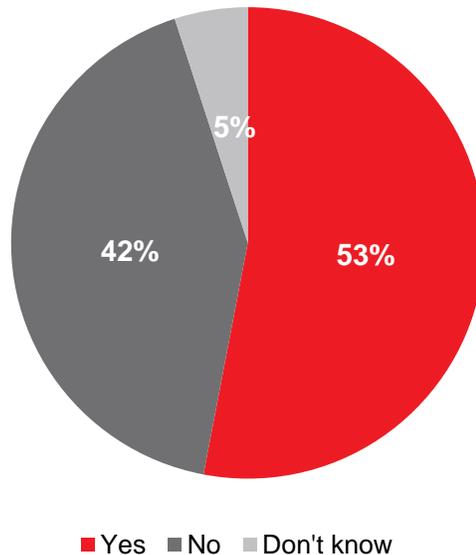


Q8: Thinking now about the evolution of the internet, when do you believe Web 3.0 will replace Web 2.0?
Nigeria: n=100

Web 3.0 strategies

Does your business have a Web 3.0 strategy?

Nigeria



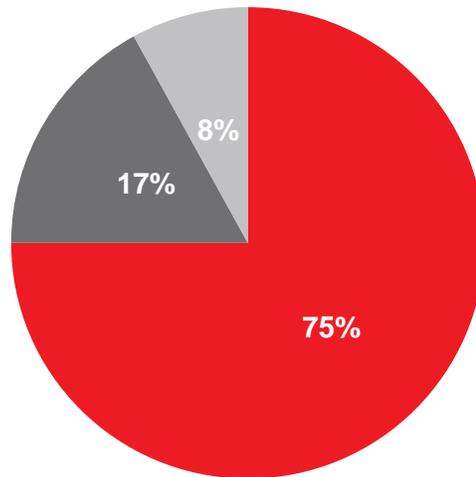
In Nigeria, a slight majority of IT decision-makers indicate their business has a Web 3.0 strategy, but two-in-five say they do *not* have a strategy in place.

Q9: Does your business have a Web 3.0 strategy?
Nigeria: n=100

Considering service model strategies

Would you say that you are moving towards an Everything as a Service / Anything as a Service (XaaS) model?

Nigeria



■ Yes ■ No ■ Don't know

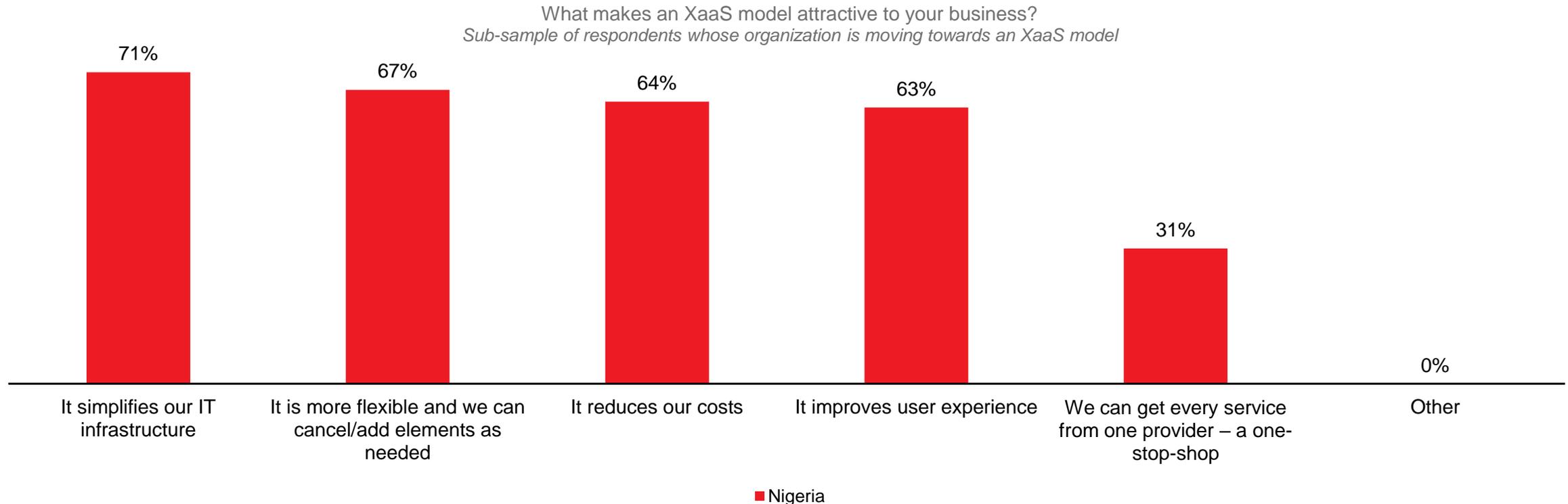
Three-quarters of Nigerian IT decision-makers say they are moving towards an Everything as a Service/ Anything as a Service (XaaS) model.

Only 17 percent indicate they are *not* planning to move towards an XaaS model.

Q16: Would you say that you are moving towards an Everything as a Service / Anything as a Service (XaaS) model?
Nigeria: n=100

XaaS appeal

For those whose organizations are moving towards an XaaS model, the most attractive items were it's ability to simplify IT infrastructure, flexibility to cancel/add elements as needed, and reduce costs.

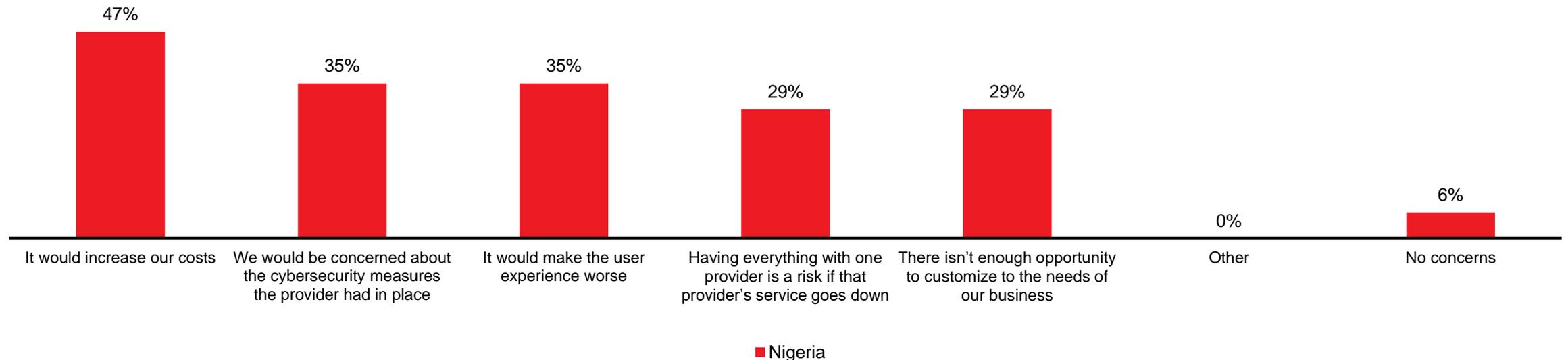


Q17: What makes an XaaS model attractive to your business?
Nigeria: n=75

XaaS concerns

Among the minority (n=17), of IT decision-makers who indicated their organizations are not moving towards an XaaS model, a plurality are concerned about an increase to costs.

Do you have any of the below concerns in moving towards an XaaS model?
Sub-sample of respondents whose organization is not moving towards an XaaS model



Q18: Do you have any of the below concerns in moving towards an XaaS model?
Nigeria: n=17

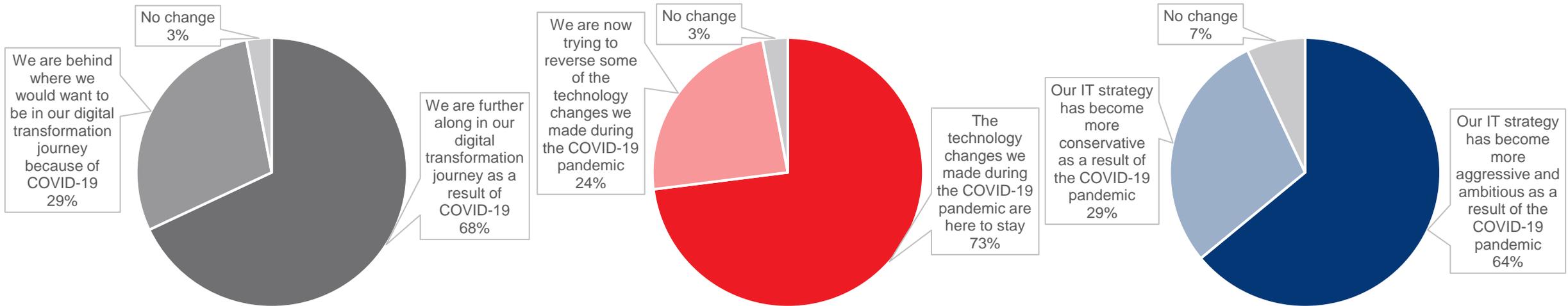
Findings

COVID-19

Digital strategy review

Almost three-quarters of Nigerian IT decision-makers that indicate the technology changes they saw resulting from the pandemic are here to stay, likewise most report being further along in their digital transformation due to the pandemic rather than being behind. Furthermore, a majority say their IT strategy has become more aggressive rather than conservative in response to the pandemic.

The COVID-19 pandemic has impacted many areas of business, including IT strategy and investment. For each of the following pairs of statements, please choose the one that applies best to your business.

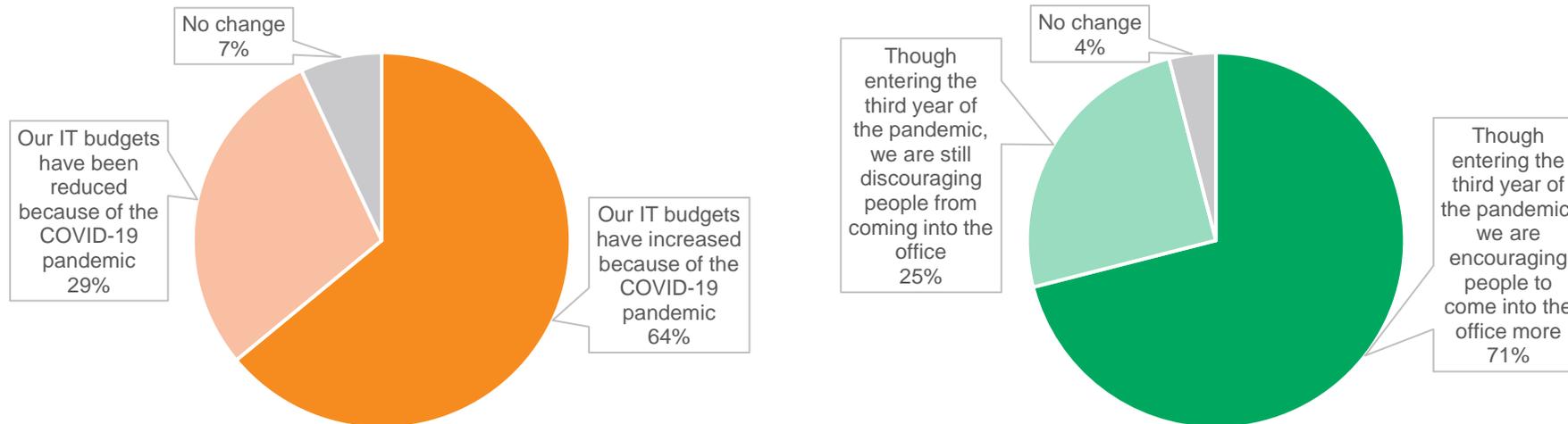


Q3: The COVID-19 pandemic has impacted many areas of business, including IT strategy and investment. For each of the following pairs of statements, please choose the one that applies best to your business.
Nigeria: n=100

Investment and workplace adjustments

A majority of Nigerian IT decision-makers are encouraging people to come into the office vs discouraging them from working in the office. IT budgets have increased due to the pandemic for most decision-makers, though a minority, twenty-nine percent, indicate that their IT budgets have been reduced.

The COVID-19 pandemic has impacted many areas of business, including IT strategy and investment. For each of the following pairs of statements, please choose the one that applies best to your business.



Q3: The COVID-19 pandemic has impacted many areas of business, including IT strategy and investment. For each of the following pairs of statements, please choose the one that applies best to your business.
Nigeria: n=100

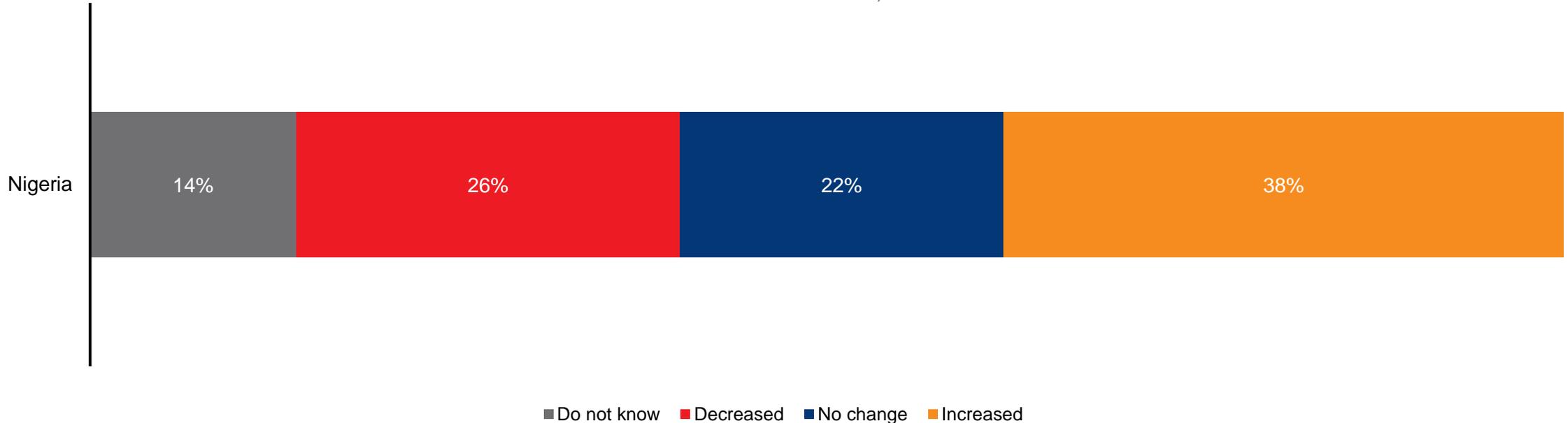
Findings

Spending

Change in spending: Carrier Neutral Colocation

A plurality of Nigerian IT decision-makers report spending on Carrier Neutral Colocation increased from 2020 to 2021, most commonly between 10 and 25 percent.

How did your organization's IT spending change in 2021 relative to the previous year (2020), in each of the following categories (Carrier Neutral Colocation)?

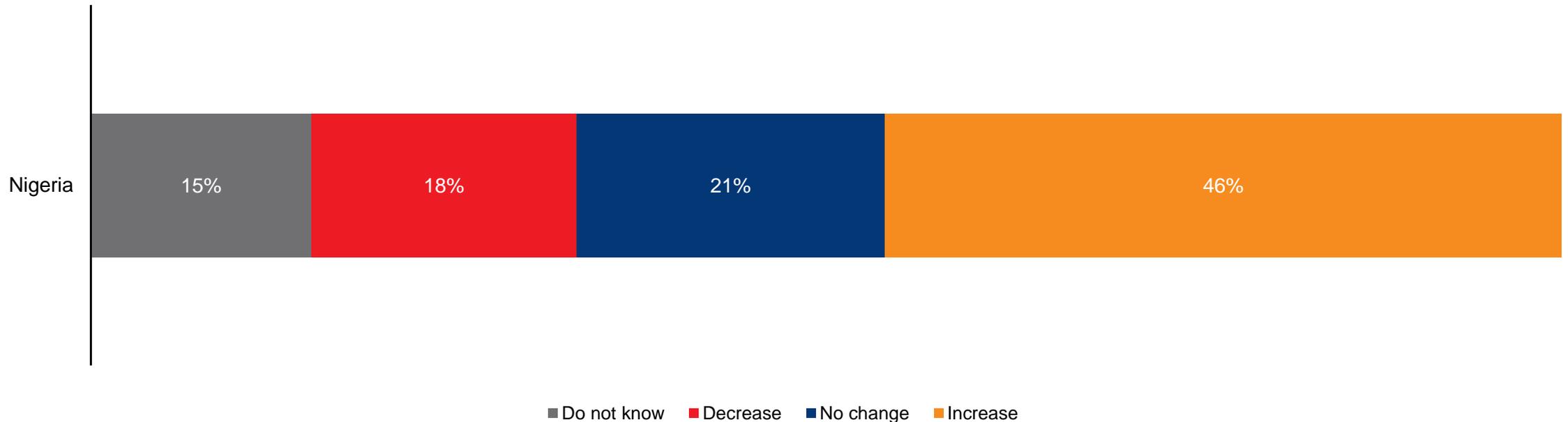


Q28: How did your organization's IT spending change in 2021 relative to the previous year (2020), in each of the following categories (Carrier Neutral Colocation)?
Nigeria: n=100

Spending plans: Carrier Neutral Colocation

Almost half of Nigerian IT decision-makers indicate their organizations plan to increase spending in 2022, most commonly by less than 10 percent.

How does your organization plan to increase/decrease its spending in the following categories this year (2022) (Carrier Neutral Colocation)?



Q29: How does your organization plan to increase/decrease its spending in the following categories this year (2022) (Carrier Neutral Colocation)?
Nigeria: n=100

Change in spending: Interconnection

A majority of IT decision-makers in Nigeria report seeing spending increases on Interconnection from 2020 to 2021, most commonly an increase of less than 10 percent.

How did your organization's IT spending change in 2021 relative to the previous year (2020), in each of the following categories (Interconnection)?



Q28: How did your organization's IT spending change in 2021 relative to the previous year (2020), in each of the following categories (Interconnection)?
Nigeria: n=100

Spending plans: Interconnection

Spending on interconnection is expected to increase in 2022, according to Nigerian IT decision-makers, most commonly by less than 10 percent.

How does your organization plan to increase/decrease its spending in the following categories this year (2022) (Interconnection)?



Q29: How does your organization plan to increase/decrease its spending in the following categories this year (2022) (Interconnection)?
Nigeria: n=100

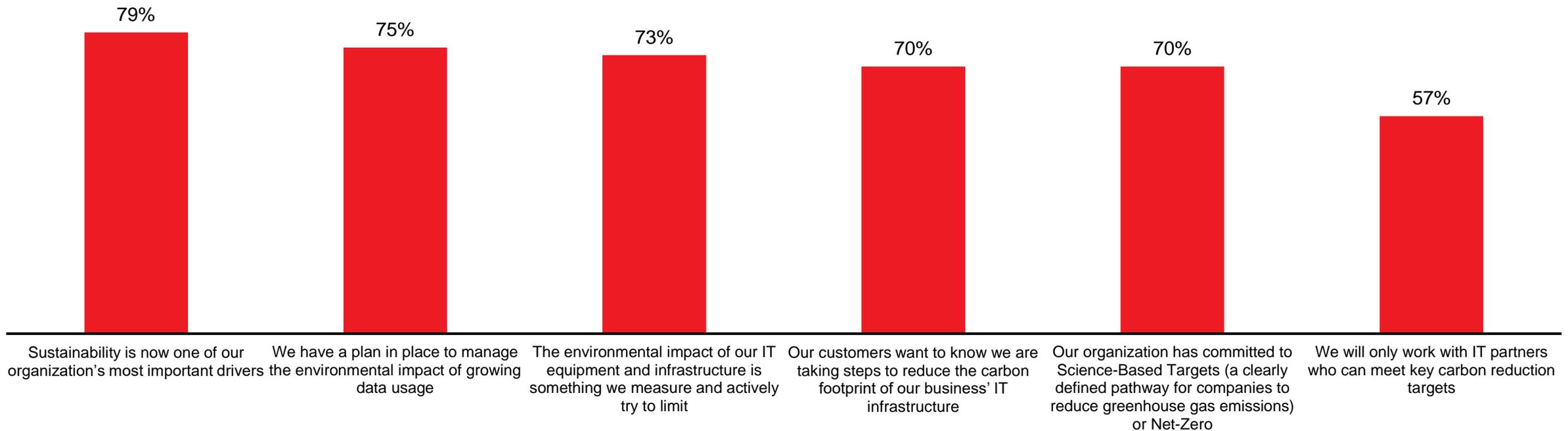
Findings

Sustainability

Considering the environmental impact of IT infrastructure

Almost four out of five Nigerian IT decision-makers say that sustainability is now one of their organization's most important drivers. Around three-quarters say they have a plan in place to manage the environmental impact of growing data usage, but all categories preform receive at least fifty percent agreement.

Thinking now about the environmental impact of your IT infrastructure – to what extent do you agree or disagree with each of the following?
Total of "agree" (7, 8, 9, 10) on a 0-10 scale



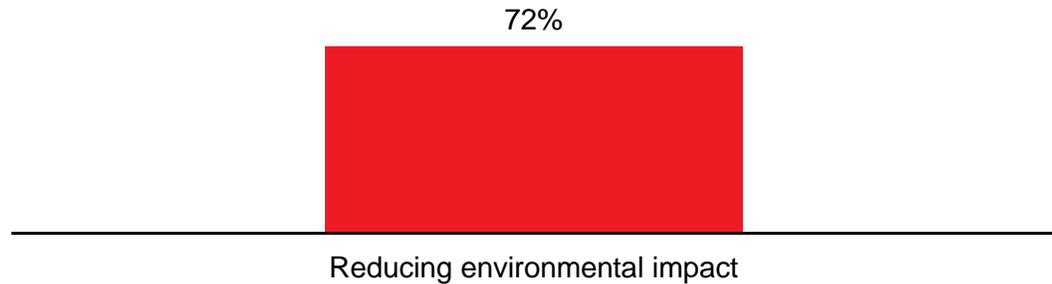
■ Nigeria

Q6: Thinking now about the environmental impact of your IT infrastructure – to what extent do you agree or disagree with each of the following?
Nigeria: n=100

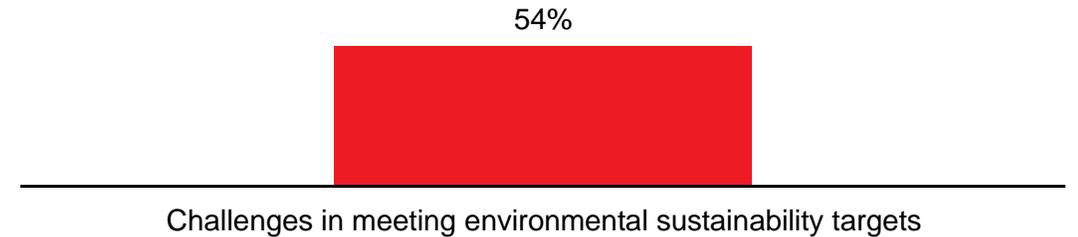
The sustainability imperative and challenge

Over seventy percent of Nigerian IT decision-makers consider reducing environmental impact to be a priority. A little over half consider challenges in meeting environmental sustainability targets to be a threat to their organization.

How much of a priority is each of the following for your organization's technology strategy?
Total of "priority" (7, 8, 9, 10) on a 0-10 scale
Respondents who selected "Reducing environmental impact" for Q1



How much of a threat do you consider each of the following to be to your organization?
Total of "a threat" (7, 8, 9, 10) on a 0-10 scale
Respondents who selected "Challenges in meeting environmental sustainability targets" for Q2



■ Nigeria

Q1: How much of a priority is each of the following for your organization's technology strategy?
Nigeria: n=100

Q2: How much of a threat do you consider each of the following to be to your organization?
Nigeria: n=100

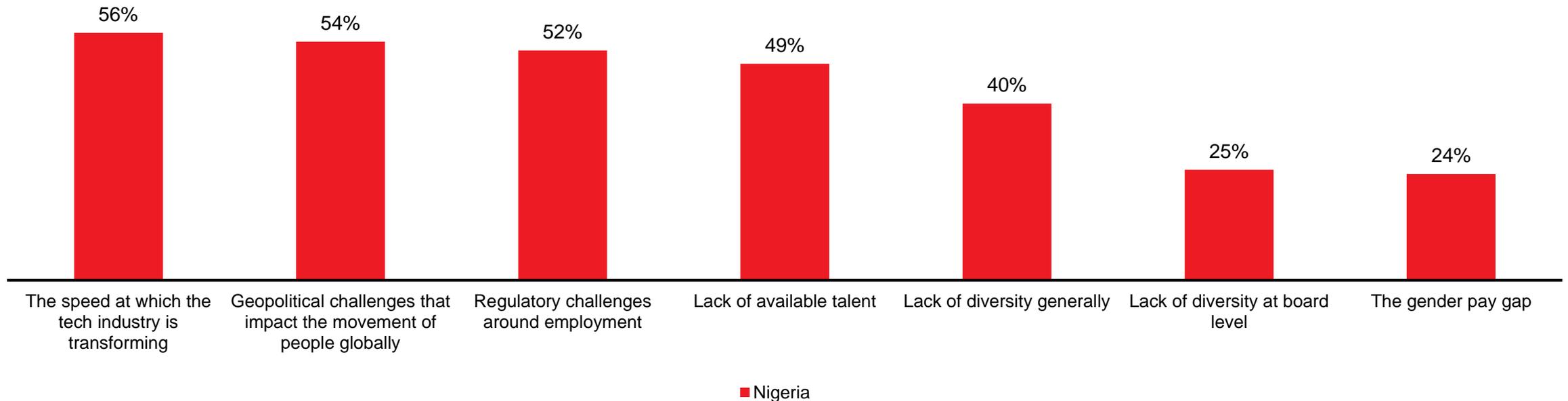
Findings

Tech Talent

Growing skills challenges for tech

The speed at which the tech industry is transforming, the geopolitical challenges that impact the movement of people globally, and the regulatory challenges around employment are seen as the biggest skills challenges facing the tech sector as a whole among Nigerian IT decision-makers.

Of the following, what do you think is the biggest skills challenge facing the tech sector as a whole?
Total who ranked response option as first, second, or third

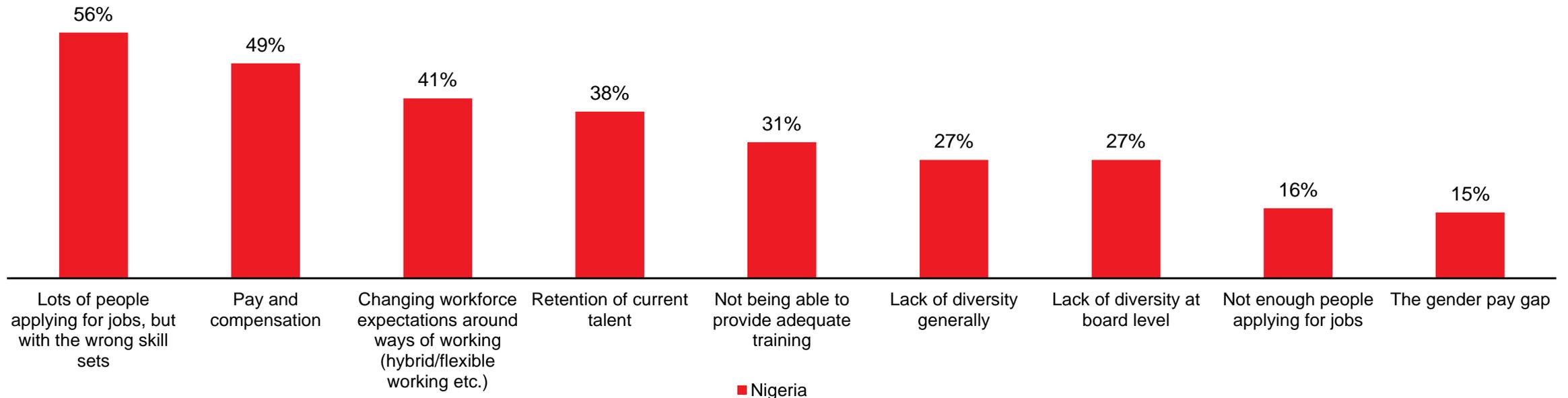


Q27: Of the following, what do you think is the biggest skills challenge facing the tech sector as a whole?
Nigeria: n=100

The biggest skills challenges for business

Nigerian IT decision-makers say that the volume of people applying for jobs with the wrong skillset, alongside pay and compensation are the greatest skills challenges facing their businesses.

Of the following, what do you think is the biggest skills challenge facing your business?
Total who ranked response option as first, second, or third

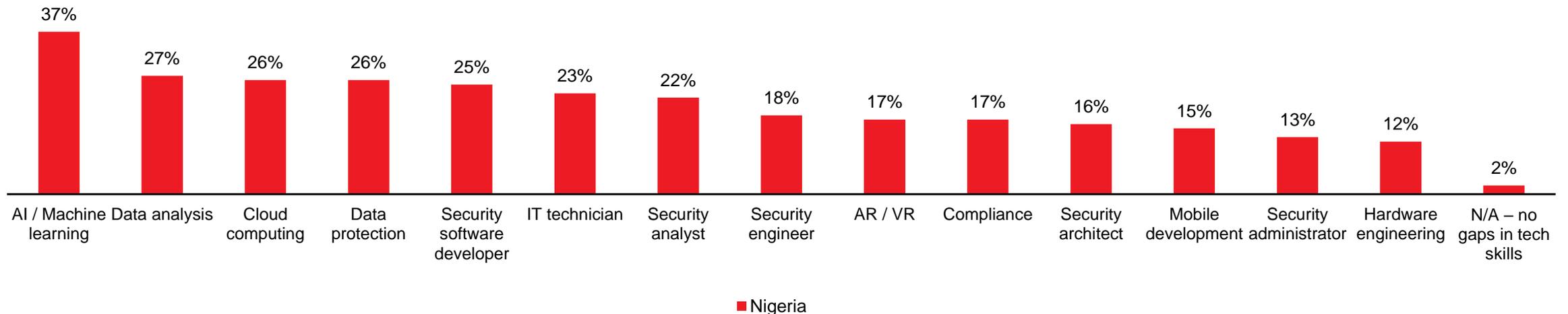


Q26: Of the following, what do you think is the biggest skills challenge facing your business?
Nigeria: n=100

Investigating the tech skills gap

Today, Nigerian IT decision-makers consider AI/Machine learning to have the biggest skills gaps in their companies. Around a quarter consider data analysis, cloud computing, data protection, and security software development to also be the roles with the greatest skills gaps.

What are the gaps in tech skills in your company today?
Total who ranked response option as first, second, or third

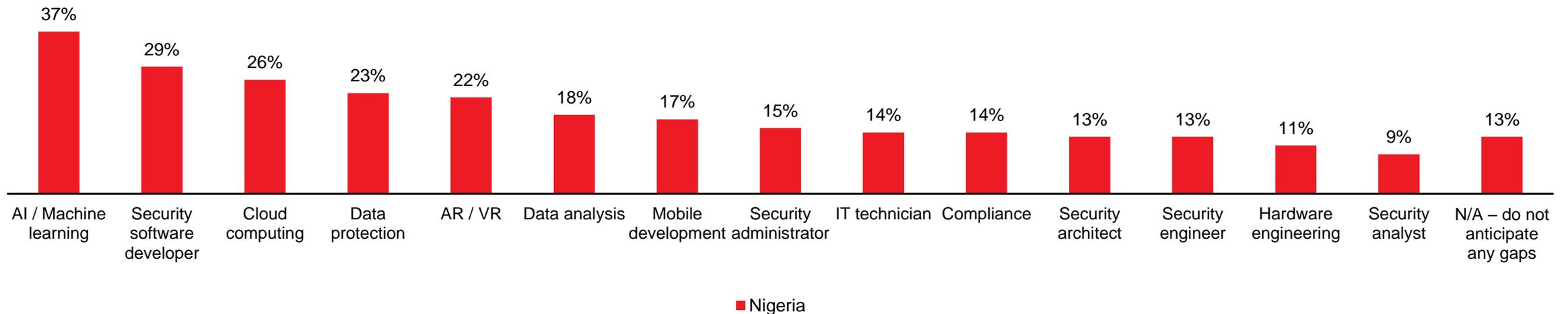


Q20: What are the gaps in tech skills in your company today?
Nigeria: n=100

Considering future tech skills

The positions with the most anticipated tech skills gaps in 2025 are those in AI/Machine learning, security software development, and cloud computing.

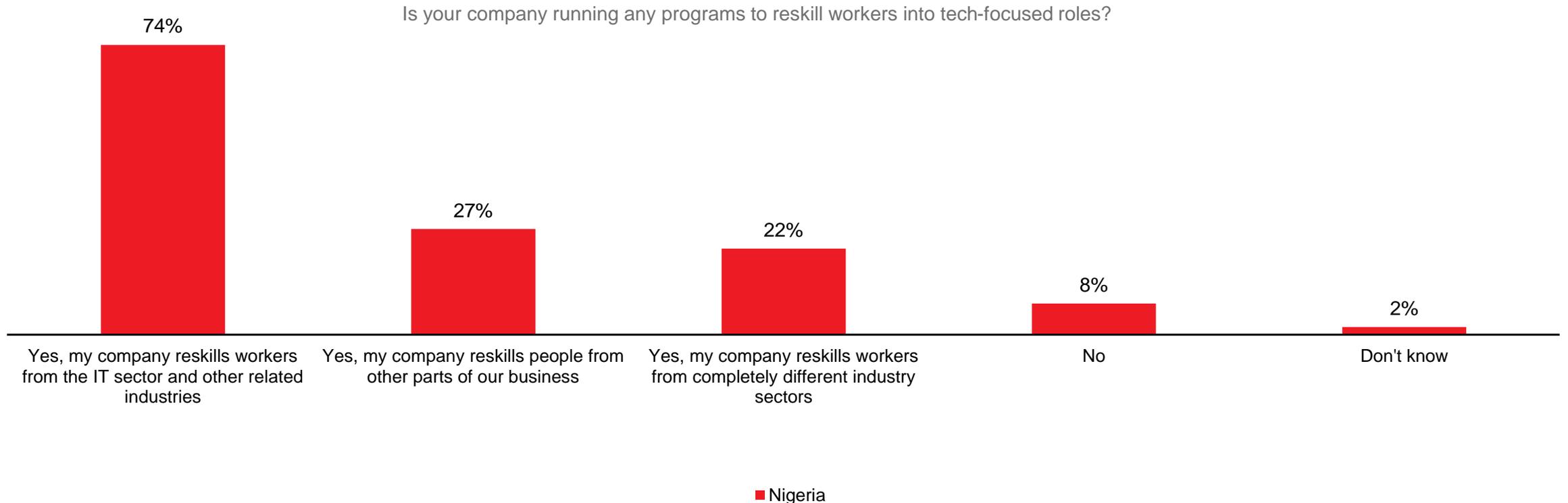
What do you anticipate will be the gaps in tech skills in your company in 2025?
Total who ranked response option as first, second, or third



Q21: What do you anticipate will be the gaps in tech skills in your company in 2025?
Nigeria: n=100

Reskilling workers

In Nigeria, nine-in-10 IT decision-makers plan to run programs to reskill their workers into tech-focused roles in some way, most commonly reskilling workers from the IT sector and other related industries.

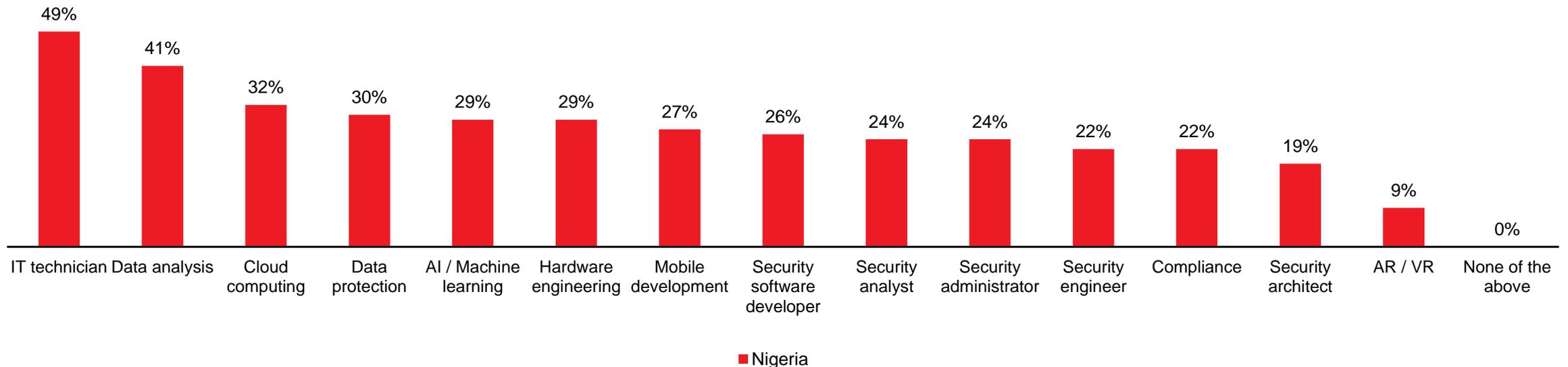


Q22: Is your company running any programs to reskill workers into tech-focused roles?
Nigeria: n=100

Identifying roles for reskilled workers

IT technicians and data analysis workers are among the most common roles being taken by workers reskilled from other sectors in Nigeria.

Which roles are usually being taken by workers reskilled from other sectors?
Sub-sample of respondents whose organization has a program(s) for reskilling workers

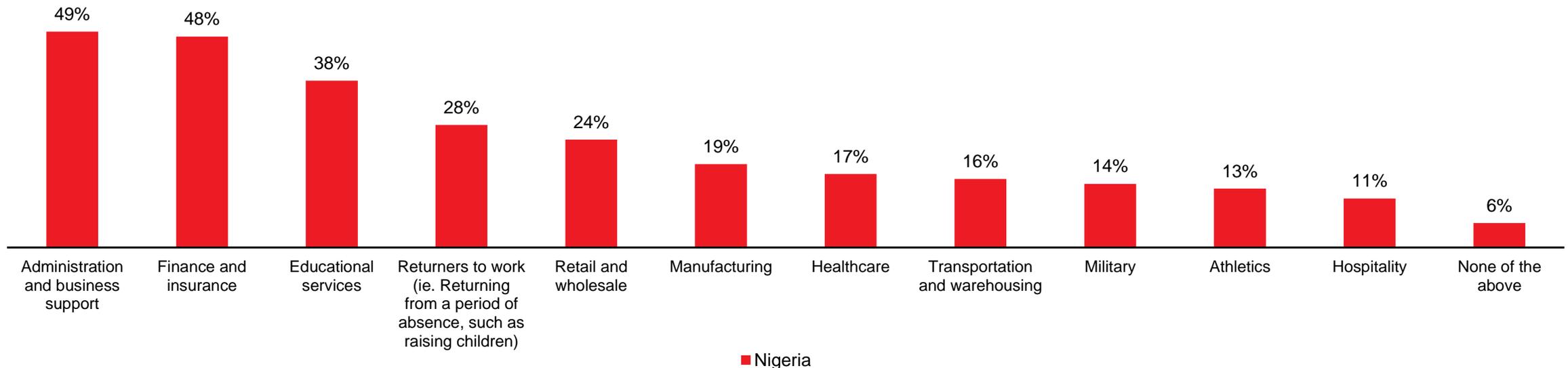


Q23: Which roles are usually being taken by workers reskilled from other sectors?
Nigeria: n=90

Industry origins of reskilled workers

Reskilled workers most frequently transition from administration and business support roles, finance and insurance roles, and educational services.

Which industries do reskilled workers usually transition from?
Sub-sample of respondents whose organization has a program(s) for reskilling workers

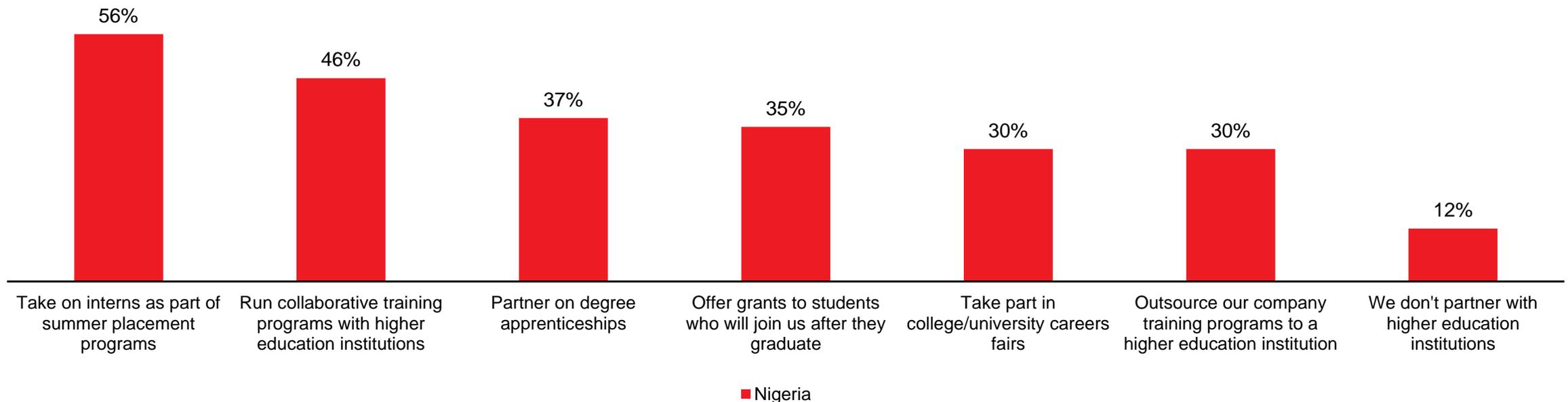


Q24: Which industries do reskilled workers usually transition from?
Nigeria: n=90

Exploring higher education partnerships

Over half of Nigerian IT decision-makers say their companies partner with higher education institutions by taking on interns as a part of summer placement programs. They also cite running collaborative training programs, and partnering on degree apprenticeships as ways in which their organizations are bringing in tech talent.

How, if at all, does your company partner with higher education institutions to bring tech talent into the business?



Q25: How, if at all, does your company partner with higher education institutions to bring tech talent into the business?
Nigeria: n=100

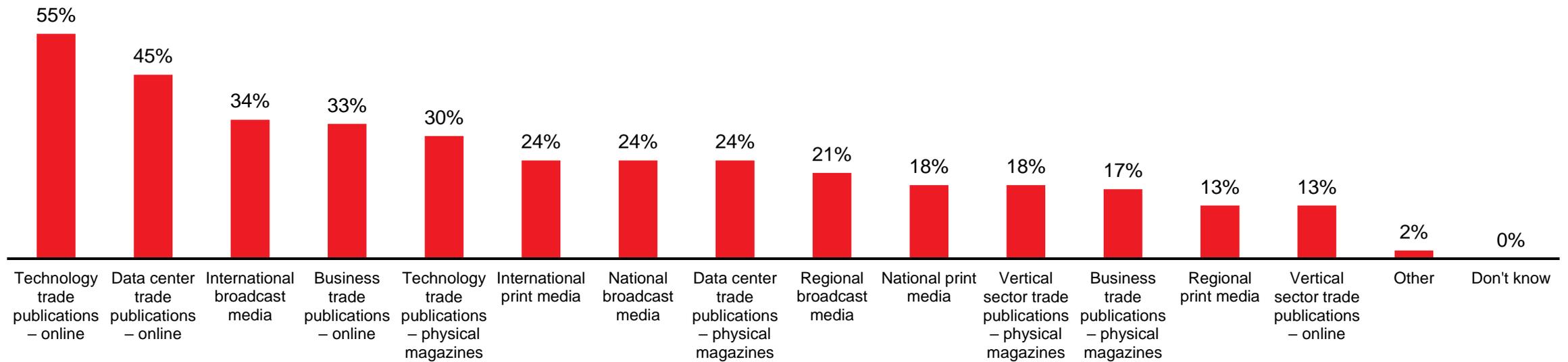
Findings

Local Focus

Nigeria's most consulted media outlets

Online technology trade publications and online data center trade publications are among the most usually consulted for information relevant to respondents' organizations.

Which media outlets would you usually consult for information most relevant for your organization?



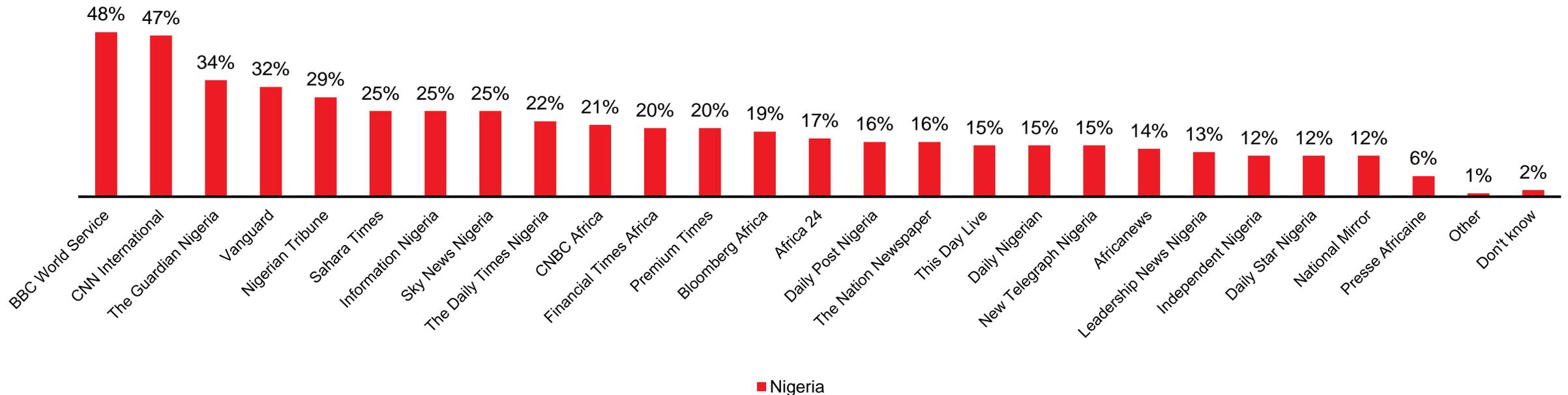
■ Nigeria

NG1: Which media outlets would you usually consult for information most relevant for your organization?
Nigeria: n=100

Nigeria's most relevant media outlet

Among the most relevant media outlets according to Nigerian IT decision-makers are BBC World Service and CNN international.

Which specific media outlets do you consider most relevant for your organization?



NG2: Which specific media outlets do you consider most relevant for your organization?
Nigeria: n=100

Learn More

Discover more insights

Equinix 2022 Global Tech Trends Survey Overview

Equinix.com/resources/infopapers/equinix-tech-trends-survey



Platform Equinix Vision Paper: The Future of Digital Leadership

Equinix.com/resources/infopapers/platform-equinix-vision-paper



Gartner: The Evolution of IT Infrastructure — Designing for the Unknown

Equinix.com/analyst-reports/gartner-evolution-it-infrastructure

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Questions?

We hope you find these discoveries and insights as illuminating as we do, and we welcome the chance to discuss what they mean for your organization.

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The independent study, commissioned by Equinix, surveyed 2,900 IT decision-makers in diverse enterprises across the Americas (Brazil, Canada, Colombia, Mexico, U.S.), Asia-Pacific (Australia, China, Hong Kong, India, Japan, Singapore, South Africa) EMEA (Bulgaria, Finland, France, Germany, Ireland, Italy, Netherlands, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, UAE, U.K.) and Africa (Nigeria, South Africa). Respondents were selected for participation from Dynata's online panel. The survey was conducted online between 01 March 2022 and 29 March 2022.