

# Uptime Institute Global Data Center Survey 2024: regional view

UII DATA REPORT 154 | SEPTEMBER 2024

## SUMMARY

The Uptime Institute Global Data Center Survey, now in its 14th year, is the most comprehensive and longest-running study of its kind. This report provides a regional view of the results and highlights the different challenges and strategies of data center owners and operators across the globe. For analysis of the survey results from more than 850 data center operators and owners across all the regions combined, see the full report, *Uptime Institute Global Data Center Survey 2024*.

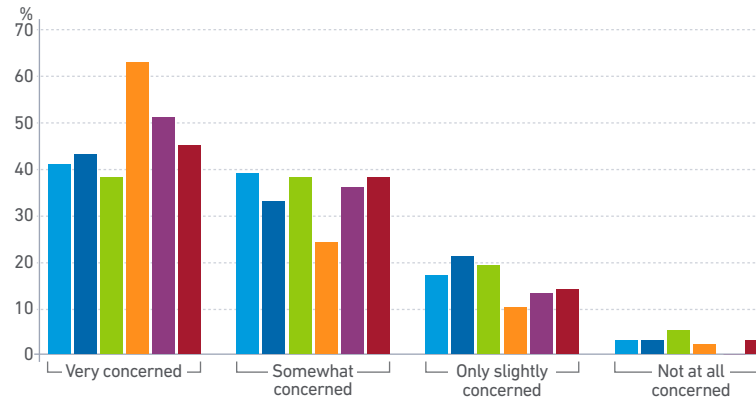
- North America
- Latin America
- Europe
- China
- Asia-Pacific (not China)
- Middle East and Africa

## ABOUT THIS SURVEY

The Uptime Institute Global Data Center Survey 2024, conducted online in March and April 2024, had more than 850 data center owner and operator respondents. This report highlights some of the findings.

## Managers' concerns over cost issues are highest in Asia-Pacific

Looking at the next 12 months, how concerned is your digital infrastructure management regarding cost issues?



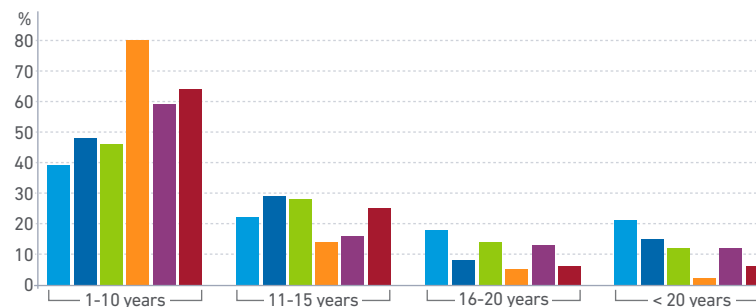
North America (n=122), Latin America (n=133), Europe (n=162), China (n=50), Asia-Pacific (not China) (n=108), Middle East and Africa (n=83)

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## More than one in five North American sites is over 20 years old

How old is the data center you work in or are most familiar with (starting from when it was commissioned and became operational)?



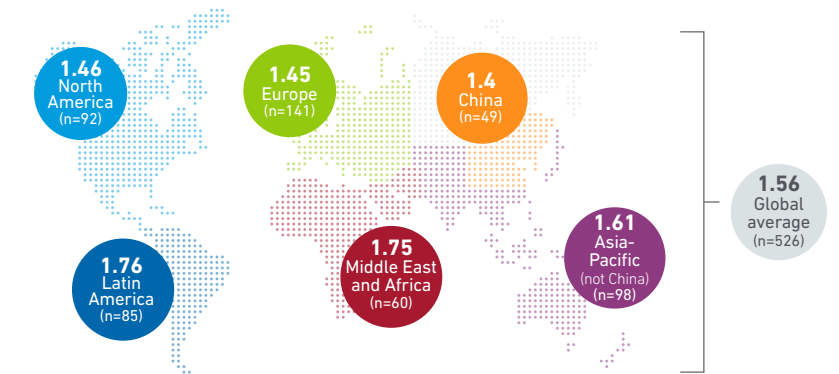
North America (n=150), Latin America (n=151), Europe (n=198), China (n=66), Asia-Pacific (not China) (n=129), Middle East and Africa (n=108)

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## Lowest average PUEs are in China, Europe and North America

What is the average annual PUE for the largest data center your organization owns / operates?

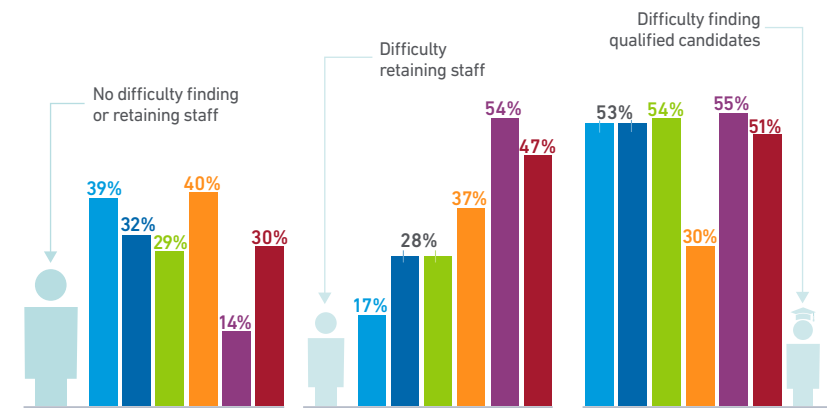


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## North America and China report fewer staff challenges than others

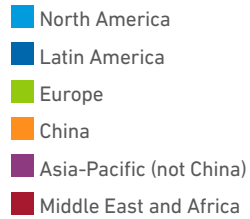
Regarding staff retention in your organization, choose all statements that apply.



North America (n=127), Latin America (n=138), Europe (n=169), China (n=57), Asia-Pacific (not China) (n=115), Middle East and Africa (n=89)

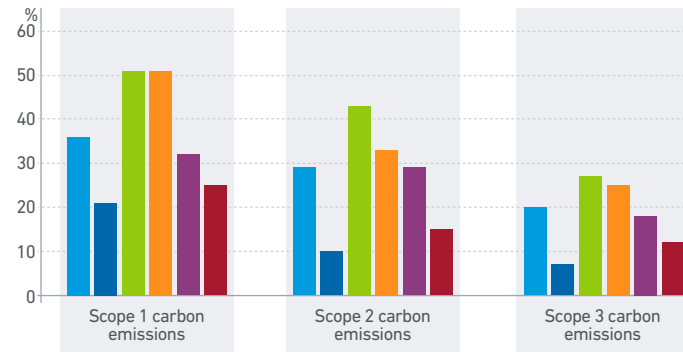
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## Europe leads in reporting carbon emissions

Which of the following IT or data center metrics does your organization collect for corporate sustainability purposes? Choose all that apply.



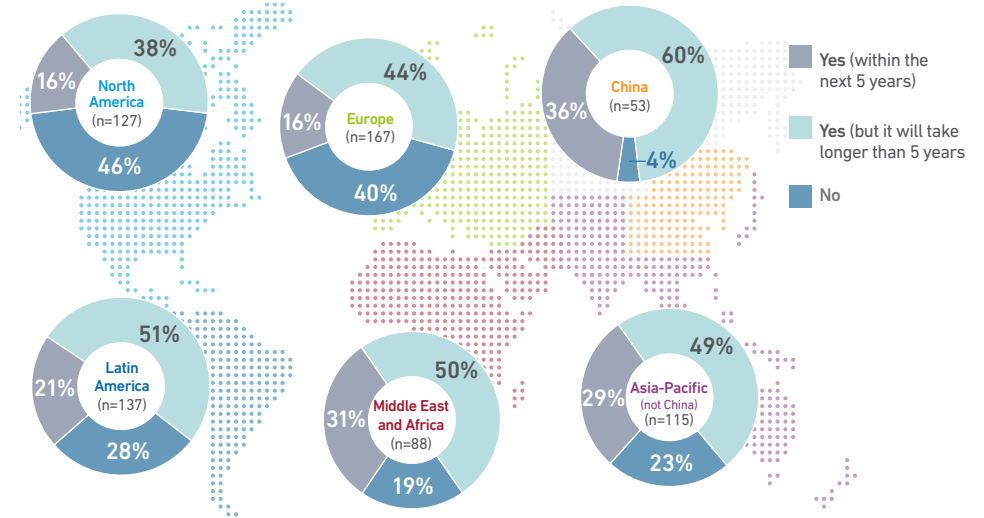
North America (n=123), Latin America (n=135), Europe (n=164), China (n=51)  
Asia-Pacific (not China) (n=111), Middle East and Africa (n=85)

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## Those in North America and Europe least expect AI to lower staff levels

Do you believe AI will reduce your data center operations staffing levels in the next five years?

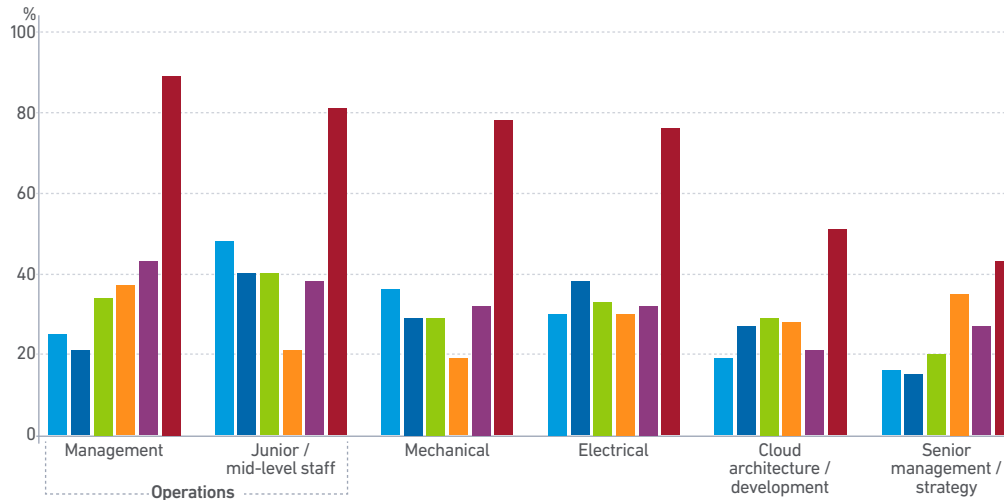


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## Gaps in staff skills vary by region

In which of the following areas is your organization experiencing gaps in staff skills? Choose all that apply.



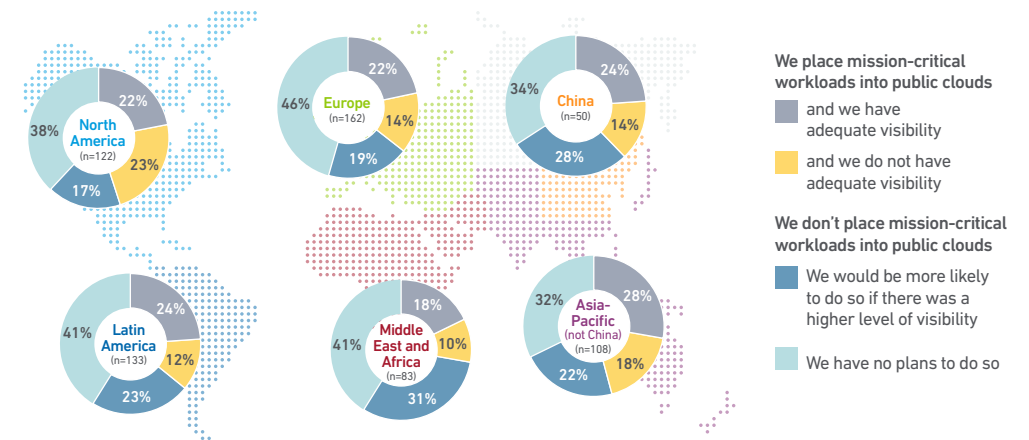
North America (n=114), Latin America (n=136), Europe (n=161), China (n=57)  
Asia-Pacific (not China) (n=113), Middle East and Africa (n=86)

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## North America most likely to use cloud without adequate visibility

Does your organization have adequate operational visibility into the resiliency of public cloud in terms of architecture, availability record, management processes and a full understanding of options?

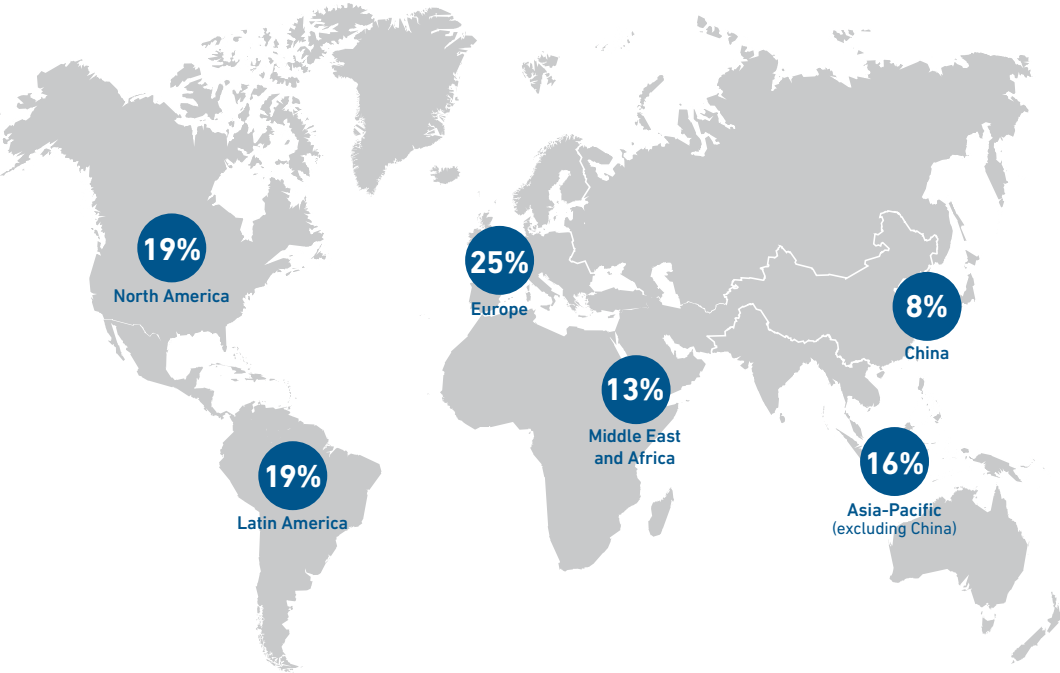


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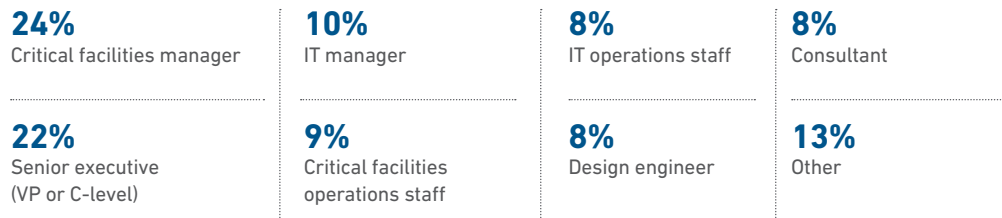


## Demographics: Uptime Institute Global Data Center Survey 2024

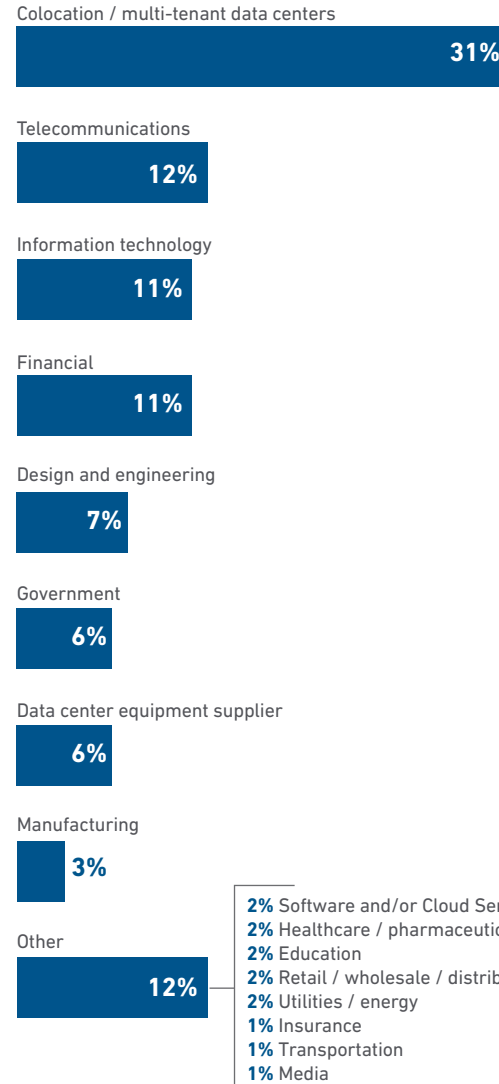
Company location (n=820)



Job description (n=879)



Verticals (n=643)



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### About Uptime Institute

Uptime Institute is the Global Digital Infrastructure Authority. Its Tier Standard is the IT industry's most trusted and adopted global standard for the proper design, construction, and operation of data centers – the backbone of the digital economy. For over 25 years, the company has served as the standard for data center reliability, sustainability, and efficiency, providing customers assurance that their digital infrastructure can perform at a level that is consistent with their business needs across a wide array of operating conditions.

With its data center Tier Standard & Certifications, Management & Operations reviews, broad range of related risk and performance assessments, and accredited educational curriculum completed by over 10,000 data center professionals, Uptime Institute has helped thousands of companies, in over 100 countries to optimize critical IT assets while managing costs, resources, and efficiency.

Uptime Institute is headquartered in New York, NY, with offices in Seattle, London, Sao Paulo, Dubai, Singapore, and Taipei. For more information, please visit [www.uptimeinstitute.com](http://www.uptimeinstitute.com)

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