

Sustainability requirements rise as climate risks intensify

UII DATA REPORT 170 | MARCH 2025

SUMMARY

Most data center organizations conduct climate change/weather-related resiliency assessments in 2025 — even if it is not a formal requirement. Additionally, many enterprises demand these assessments from their cloud and colocation service providers or plan to do so in the next two years. The industry also faces greater pressure from regulators as reporting requirements for sustainability expand in scope and increasingly affect operations.

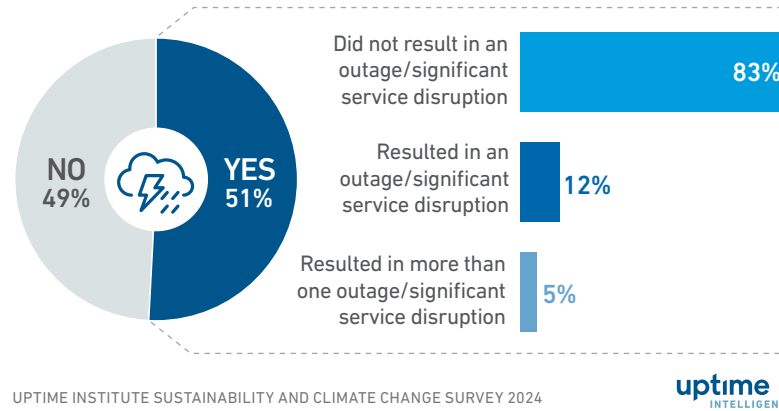
Results from the Uptime Institute Sustainability and Climate Change Survey 2024 reveal how operators navigate climate change risks while expanding efforts to improve their environmental footprint.

ABOUT THIS SURVEY

The Uptime Institute Sustainability and Climate Change Survey 2024, conducted online in December 2024 and January 2025, had more than 950 respondents. This report highlights some of the findings.

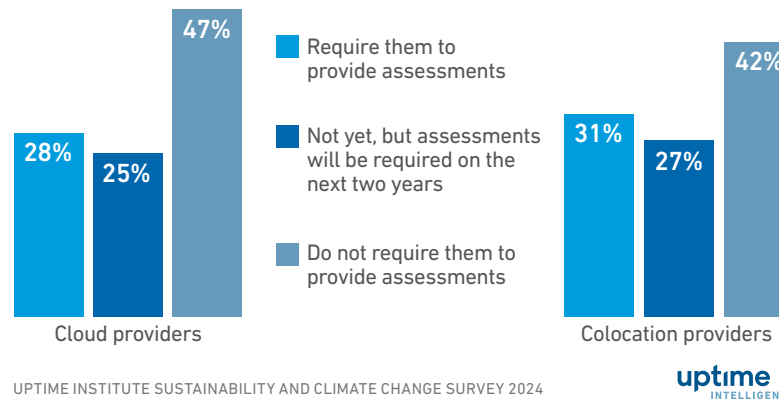
Nearly one in six extreme weather events has significant impact

Have your organization's data centers in your region experienced an extreme weather event that threatened continuous operations in the last three years? (n=430)



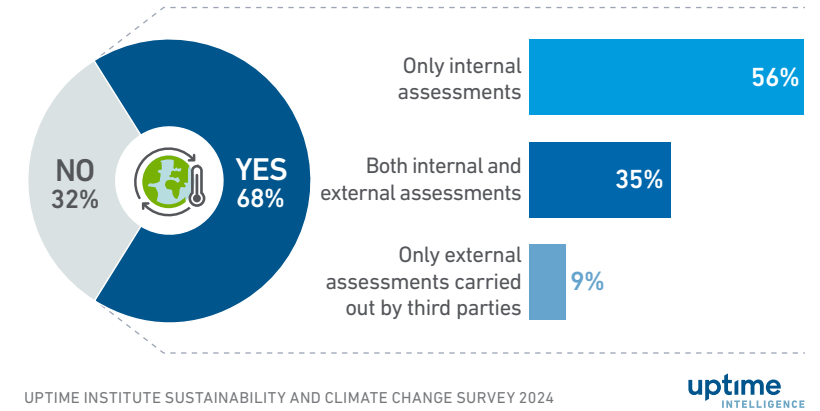
Cloud, colocation providers face growing demand for climate risk data

Do you require your cloud and/or colocation service providers to provide you with climate risk assessments? (n=307)



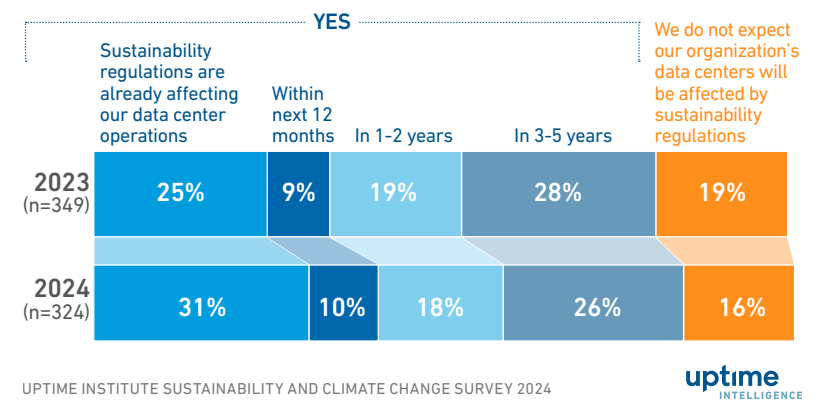
Most climate resiliency assessments are performed in-house

Does your organization currently conduct climate change/weather-related resiliency assessments for your data center infrastructure? (n=410)



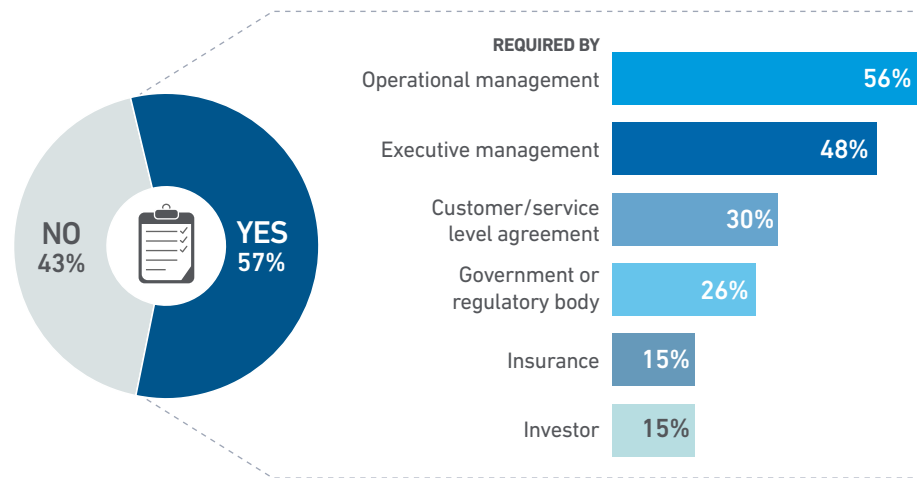
Sustainability regulations will affect operations for most by 2027

Does your organization believe its data centers will be subject to sustainability/energy efficiency-related regulations that affect operations?



Internal requirements drive climate resiliency assessments

Are you formally required to conduct climate change/weather-related resiliency assessments for your data center infrastructure? Choose all that apply. (n=392)

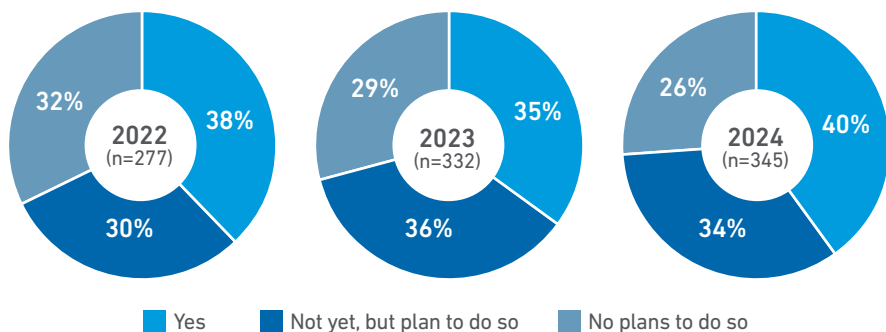


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Scope 3 emissions tracking by data centers is slowly rising

Scope 3 emissions are indirect/embedded carbon emissions from hardware, supply chains, construction, employee travel, etc. Does your organization estimate Scope 3 emissions?



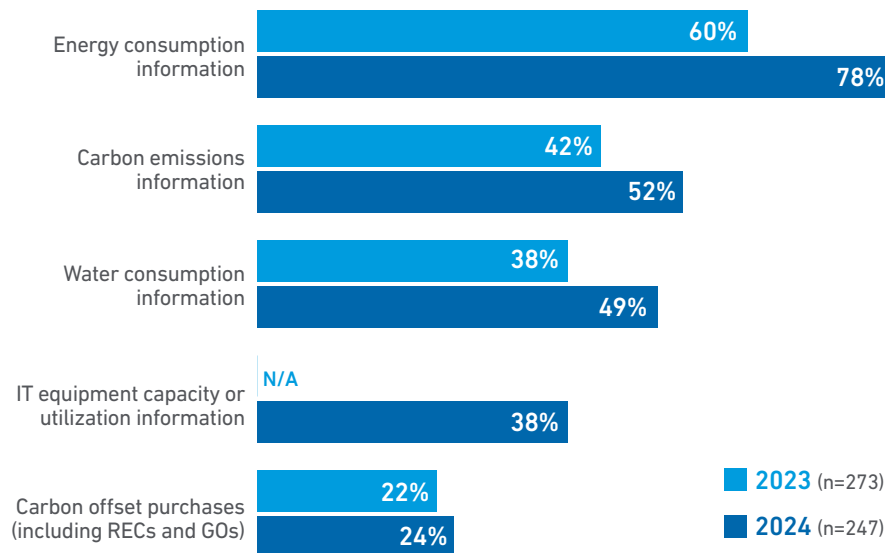
(Responses for "Don't know" are not included.)

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More operators are required to report energy, carbon and water usage

Which of the following types of information is your organization required to provide to satisfy its 2024 regulatory requirements? Choose all that apply.



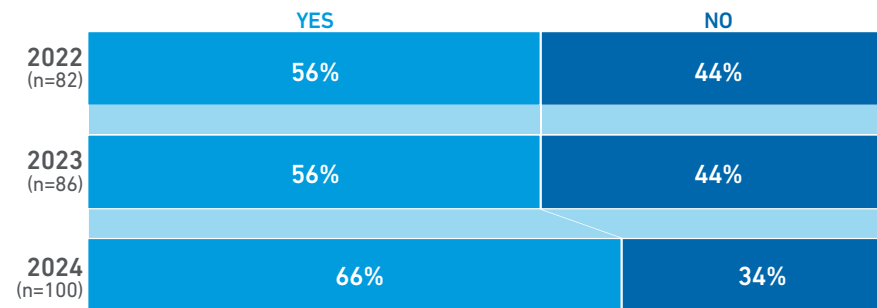
(Only the top five response options are included in the chart.)

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Scope 3 accounting increasingly relies on third-party verification

Is your Scope 3 accounting independently verified by a third party?



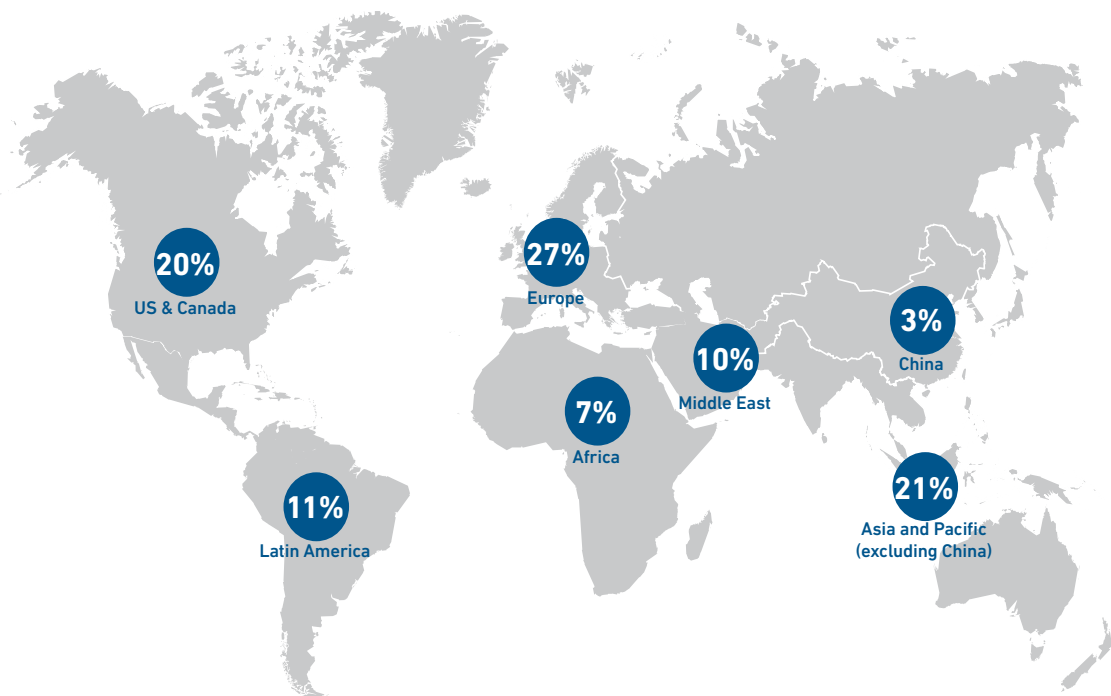
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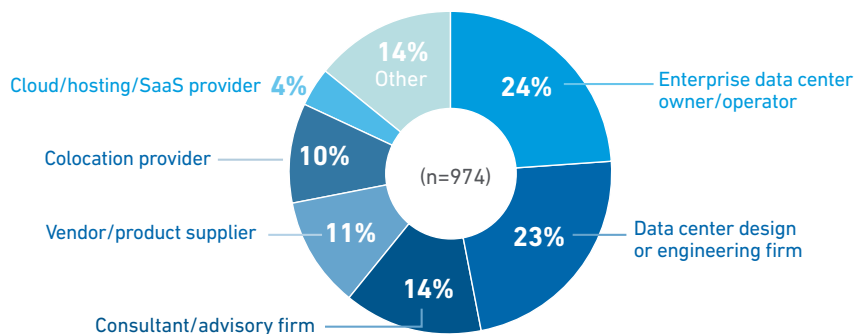


Demographics: Uptime Institute Sustainability and Climate Change Survey 2024

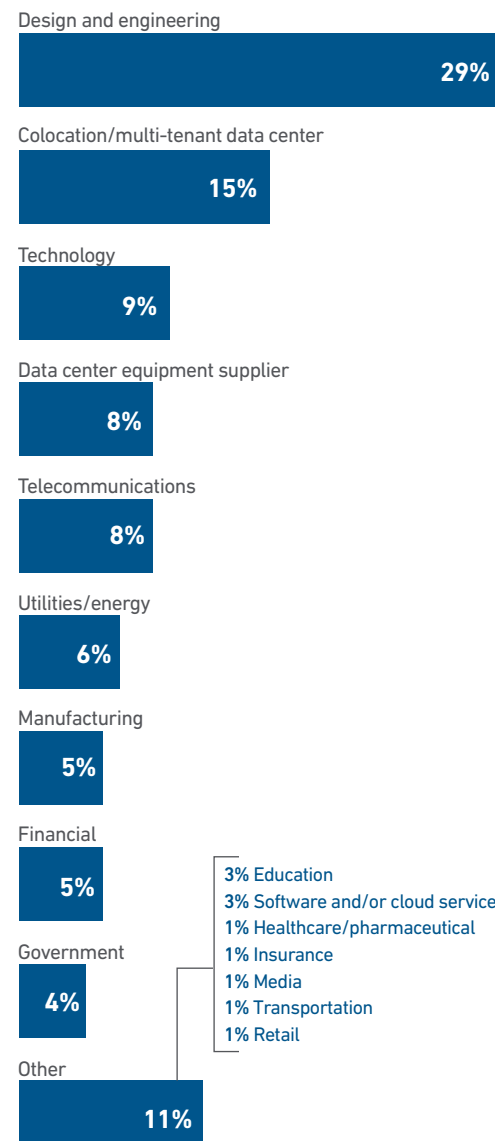
Company location (n=974)



Digital infrastructure environment



Verticals (n=745)



Authors

Douglas Donnellan, Research Analyst,
ddonnellan@uptimeinstitute.com
Rose Weinschenk, Research Associate,
rweinschenk@uptimeinstitute.com

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

All general queries:

Uptime Institute
 405 Lexington Avenue,
 9th Floor, New York,
 NY 10174, USA
 +1 212 505 3030

info@uptimeinstitute.com