

# Turning data into mission value

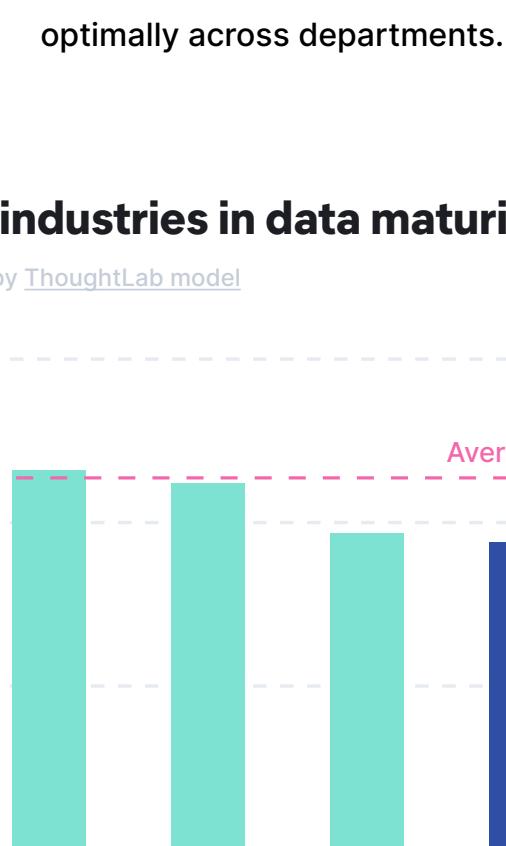
## Public sector priorities & challenges

Public sector organizations are experiencing tremendous growth in data volume, both within and outside their organizations. This increase in data poses challenges, such as how to store, access, integrate, and secure data – and how to use it for real-world value, such as to elevate citizen experiences, public services, and healthcare outcomes.

To better understand the benefits that organizations can gain from data and how they do so, Elastic and ThoughtLab conducted a global survey in October 2022. Below are highlights from public sector respondents. For the full analysis, [download the report here](#).

**Data volume is increasing – and public sector leaders estimate that it will grow at an even higher rate over the next 3 years.**

Data volume growth for public sector:



**Managing and using high volumes of data can be challenging.**

45%

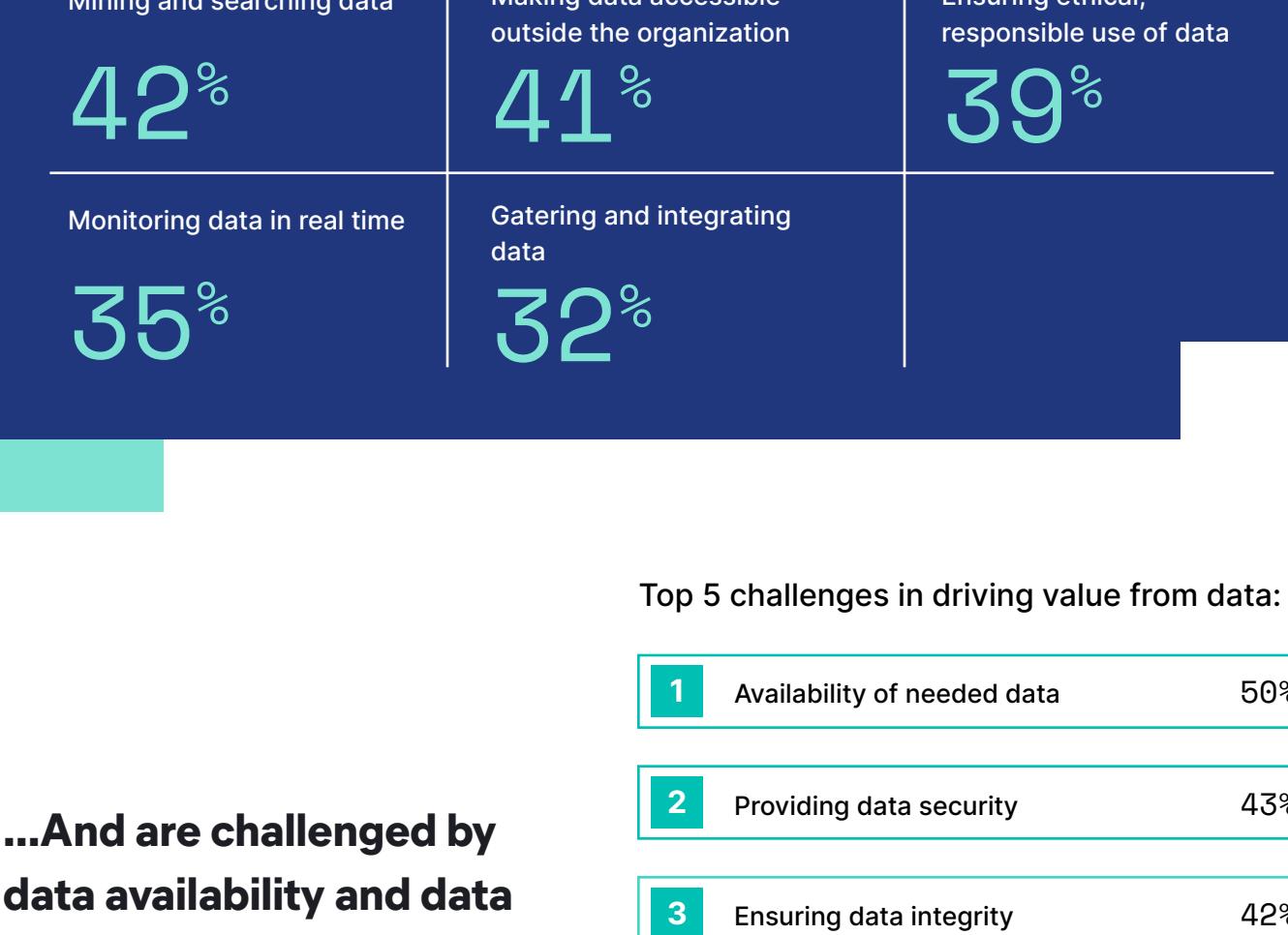
of public sector organizations say they are struggling to manage the volume of data they collect.

31%

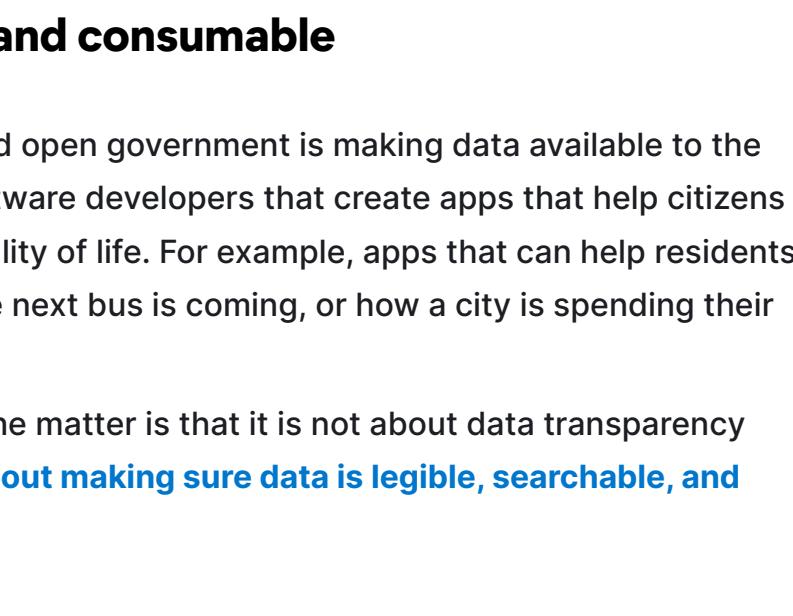
of public sector organizations say they are not utilizing data optimally across departments.

**Public sector lags behind other industries in data maturity.\***

\*Maturity levels as measured by ThoughtLab model

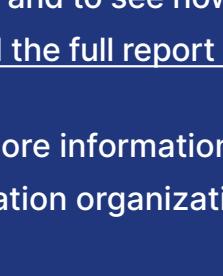
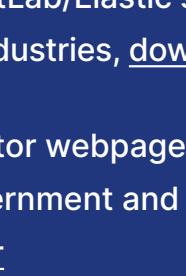
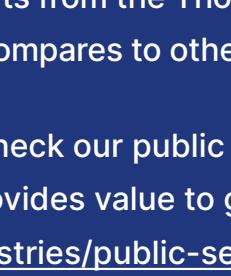
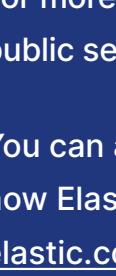


**Top benefits public sector leaders say they will have from becoming a data-enabled enterprise**



**Data drives value through apps, cloud, cyber and more.**

Public sector leaders expect to see value from data in the following areas:



60%  
Mobile  
technology &  
apps

55%  
Cloud

51%  
Cybersecurity  
monitoring

46%  
Chatbot/digital  
assistant

40%  
Cloud-based  
enterprise  
platform

**...And are challenged by data availability and data security.**

Public sector organizations are improving data search and accessibility.

Data activities where public sector organizations have made the most progress:

Mining and searching data

42%

Making data accessible outside the organization

41%

Ensuring ethical, responsible use of data

39%

Monitoring data in real time

35%

Gathering and integrating data

32%

**Top 5 challenges in driving value from data:**



**Making data searchable and consumable**

The notion behind open government is making data available to the public and to software developers that create apps that help citizens improve their quality of life. For example, apps that can help residents find out when the next bus is coming, or how a city is spending their federal funds.

But the truth of the matter is that it is not about data transparency or access. **It is about making sure data is legible, searchable, and consumable.**

Peter Pirnejad  
City Manager, Los Altos Hills, California

**Dive deeper into the data**

For more insights from the ThoughtLab/Elastic study, and to see how public sector compares to other industries, [download the full report here](#).

You can also check our public sector webpage for more information on how Elastic provides value to government and education organizations: [elastic.co/industries/public-sector](https://elastic.co/industries/public-sector)



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