

ACING THE BIG DATA TEST:

How Feds Can Support New Missions with New Insights

MeriTalk conducted an online and in-person survey of 100 Federal IT managers familiar with their agency's use of big data in November 2016 to examine agency ability to leverage big data and foster data sharing.



Feds Coming to Class

Today, **72%** of Feds are leveraging big data to improve mission outcomes, including:



45%

Improving operational efficiency



44%

Executing cybersecurity analytics



41%

Establishing performance tracking/goal-setting

Top use cases:



Cybersecurity analytics and risk identification



Financial data management and analysis



Logistics management



Fraud detection

But, Need a Study Group

Feds could do a better job of improving mission outcomes with big data. How?*

51% ✓

Enhancing data governance

39% ✓

Enhancing analytics for their current team

36% ✓

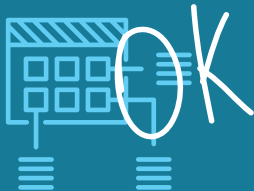
Improving leadership support



*Respondents were asked to select all that apply

How to Get an A: Improve Collaboration

Only **35%** say they are very successful at sharing data across platforms



Only **57%** have a workable plan to accommodate the influx of IoT data and leverage it effectively



Almost **1/5** say they are outright not supporting data collaboration across teams



Better Data, Better Government

With IoT data and big data analytics in the next 3-5 years, Feds say they can:*

- #1** Maximize productivity among existing IT services and/or applications (53%)
- #2** Find flaws in IT infrastructure and determine best places to improve (49%)
- #3** Improve user experience of IT services offered to citizens and stakeholders (38%)

FED'S TOP PREDICTIONS for most impactful use of big data in 2017:



Cybersecurity analytics



Predictive analytics for forecasting and pattern recognition



Use cases around operational efficiency



*Respondents were asked to select all that apply

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