

STATE AND LOCAL 2022 TECH FORECAST: OPPORTUNITIES FOR GROWTH

Jan 27
2 PM ET

WEBCAST



Dr. Alan Shark

Vice President, Public Sector and
Executive Director, CompTIA Public
Technology Institute

The View from Local Government CIOs

CompTIA Public Technology Institute and NASCIO = Promoting the Priorities, Trends and Issues Impacting State and Local Government IT

More than 10 years working together. CompTIA Public Technology Institute (PTI) truly appreciates our relationship and the efforts of Doug Robinson, NASCIO leadership and the NASCIO team to foster collaboration between state and local government.



The Headlines

Stateline

Small Cities Worry Cybersecurity Money Won't Reach Them

STATELINE ARTICLE | January 20, 2022 | By: Jenni Bergal | Read time: 5 min

CYBERSECURITY

How Common Are Ransomware Attacks? Lawmakers Want to Find Out

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STATESCOOP

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SPECIAL CYBERSECURITY MODERNIZATION EMERGING TECH DATA & ANALYTICS DIGITAL SERVICES WATCH LISTEN ATTEND INE

States and localities got \$350 billion. Here's how they're spending it on IT



HOME >> SOFTWARE

DEC 07 2021

SOFTWARE

Types of Legacy Application Modernization Strategies: Which Approach Is Right for You?



Find out how and why your agency should update applications to run on more modern architectures.

GCN

EMERGING TECH STATE & LOCAL DATA & ANALYTICS CLOUD & INFRASTRUCTURE

Cyber vulnerabilities could impact municipal finance

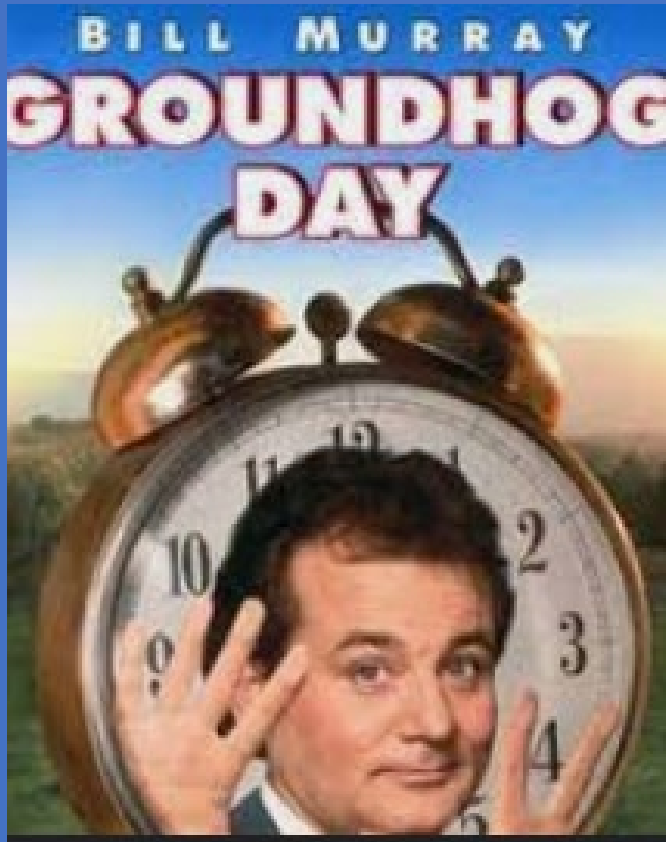


GETTY IMAGES/ THANA PRASONGSIN

By Susan Miller,
Executive Editor

JANUARY 3, 2022

Is It 2020 or 2022?



SMART CITIES & TECHNOLOGY



ARTICLE

How the past informs the future: 12 predictions for 2022

Written by Dr. Alan R. Shark 15th December 2021

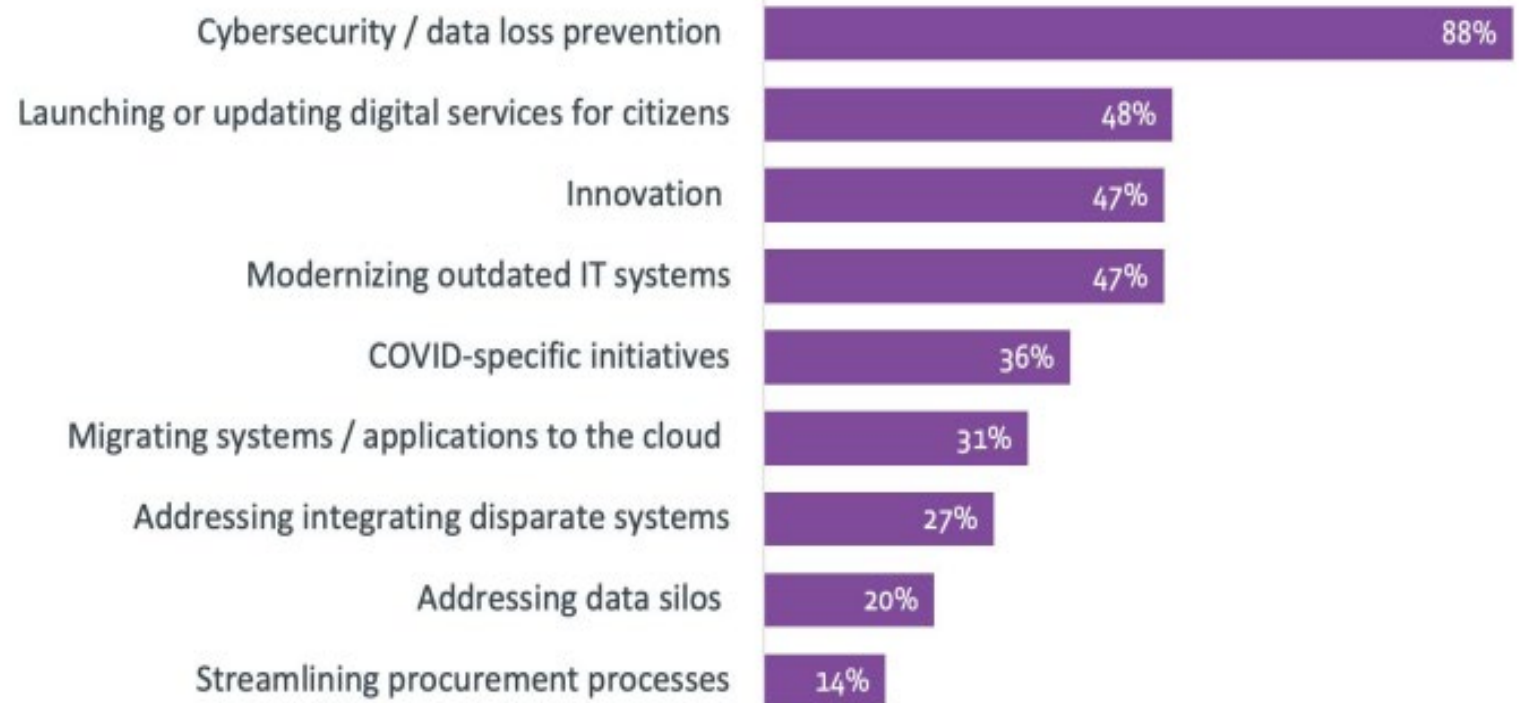


12 Predictions for 2022

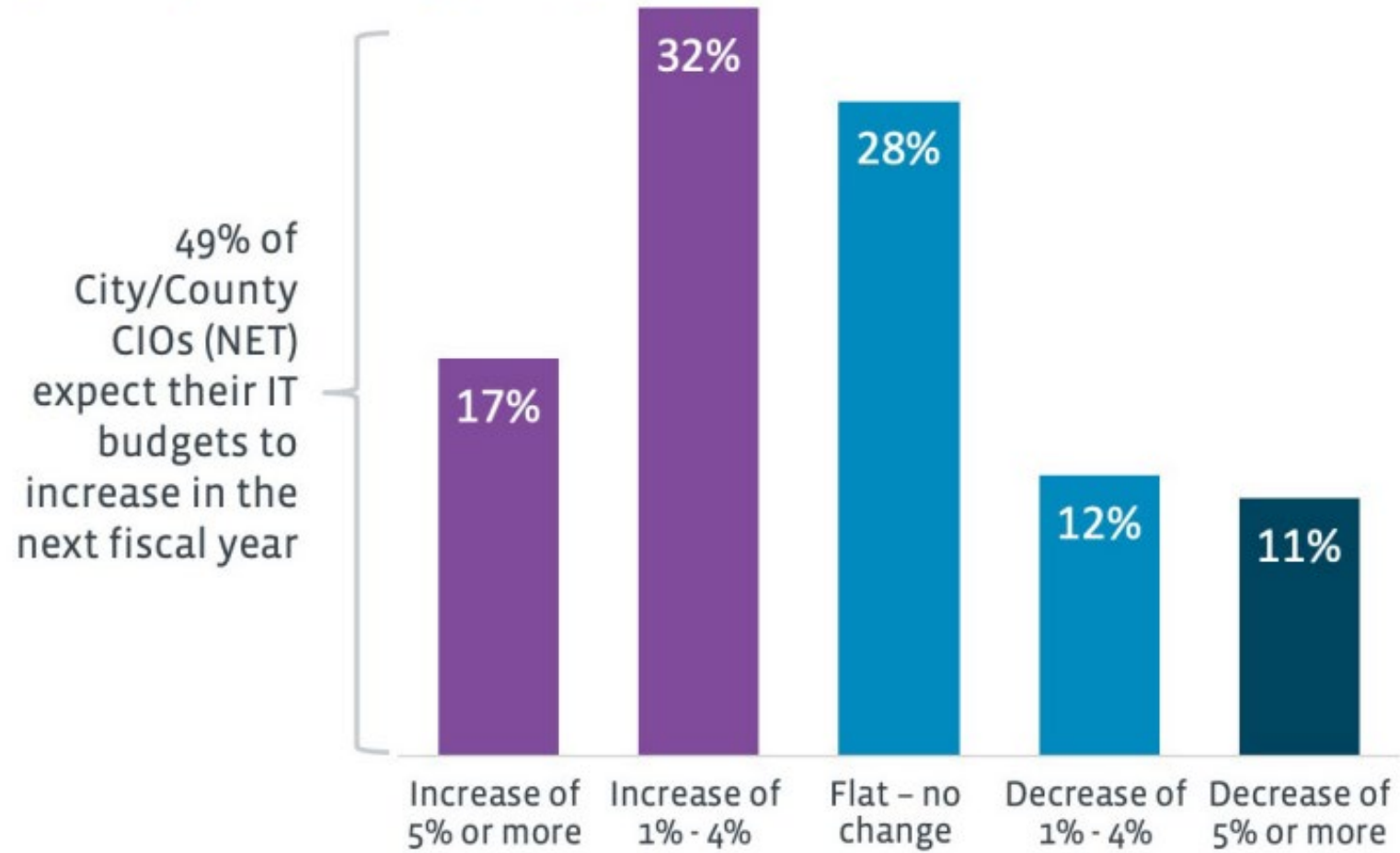
1. Cybersecurity remains front and center of attention
2. Cyber insurance coverage becomes a challenge
3. Zero-trust becomes essential to trust
4. Cloud Solutions become denser
5. Managed services continue to grow
6. Broadband expansion
7. Tech staffing insecurity
 - The Great Retirement, the Great Resignation, out-of-town & remote work
8. Federal support to the rescue
9. Redefining and practicing emergency planning & recovery plans
10. Emerging tech expands
11. Customer-first focus grows
 - Departments/partners, the public
12. Tech leadership rising. Keep the momentum growing!



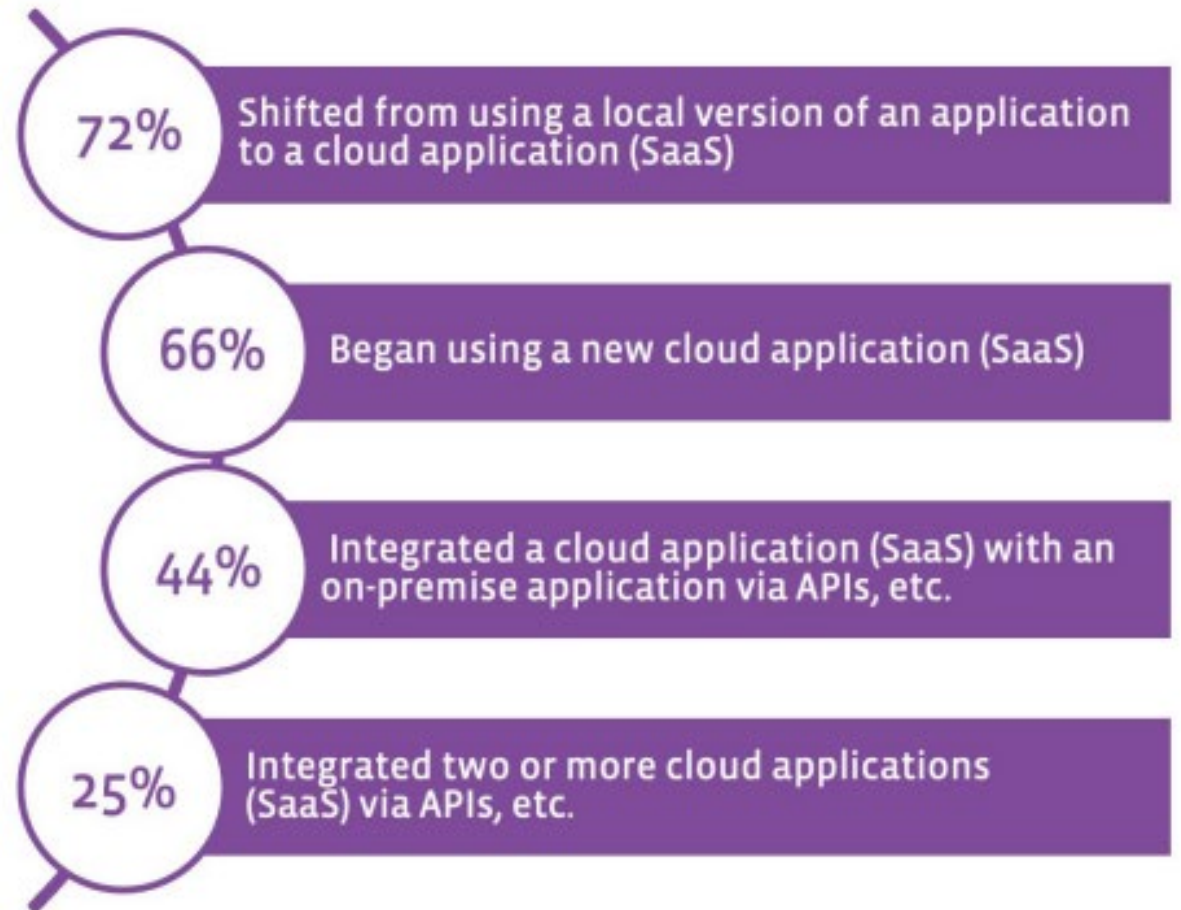
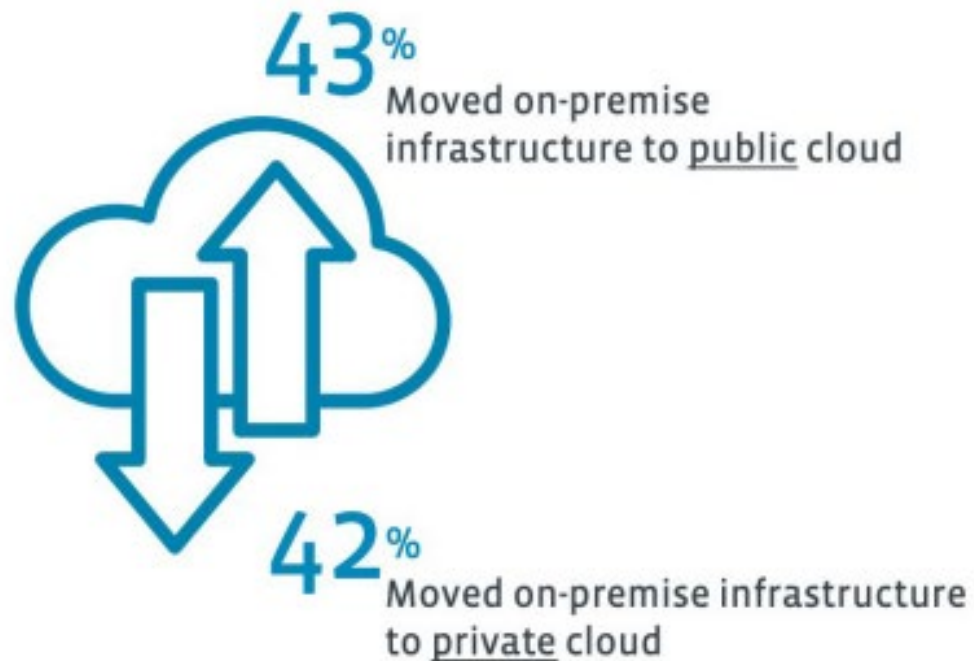
City/County CIO Technology Priorities Over Next 2 Years



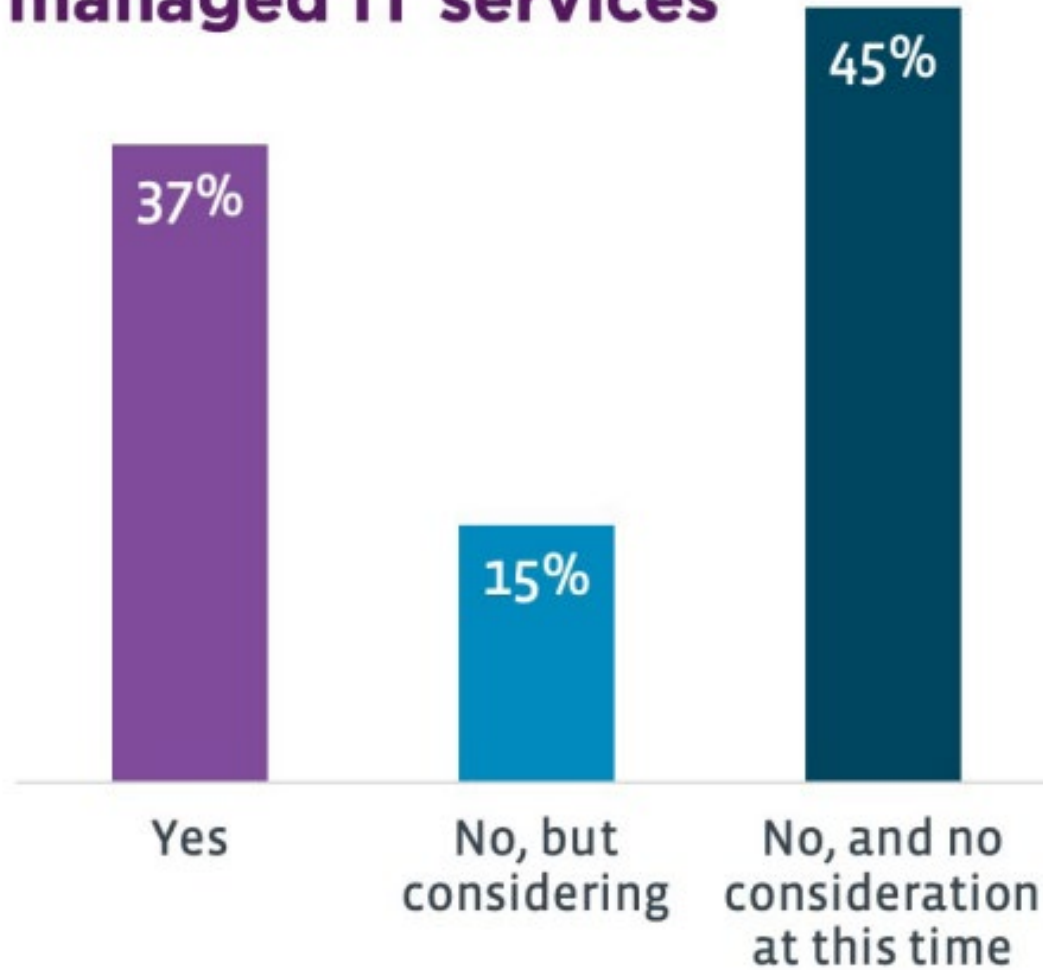
City/County Technology Budget Expectations



City/County CIOs Continue to Refine Their Cloud Strategies



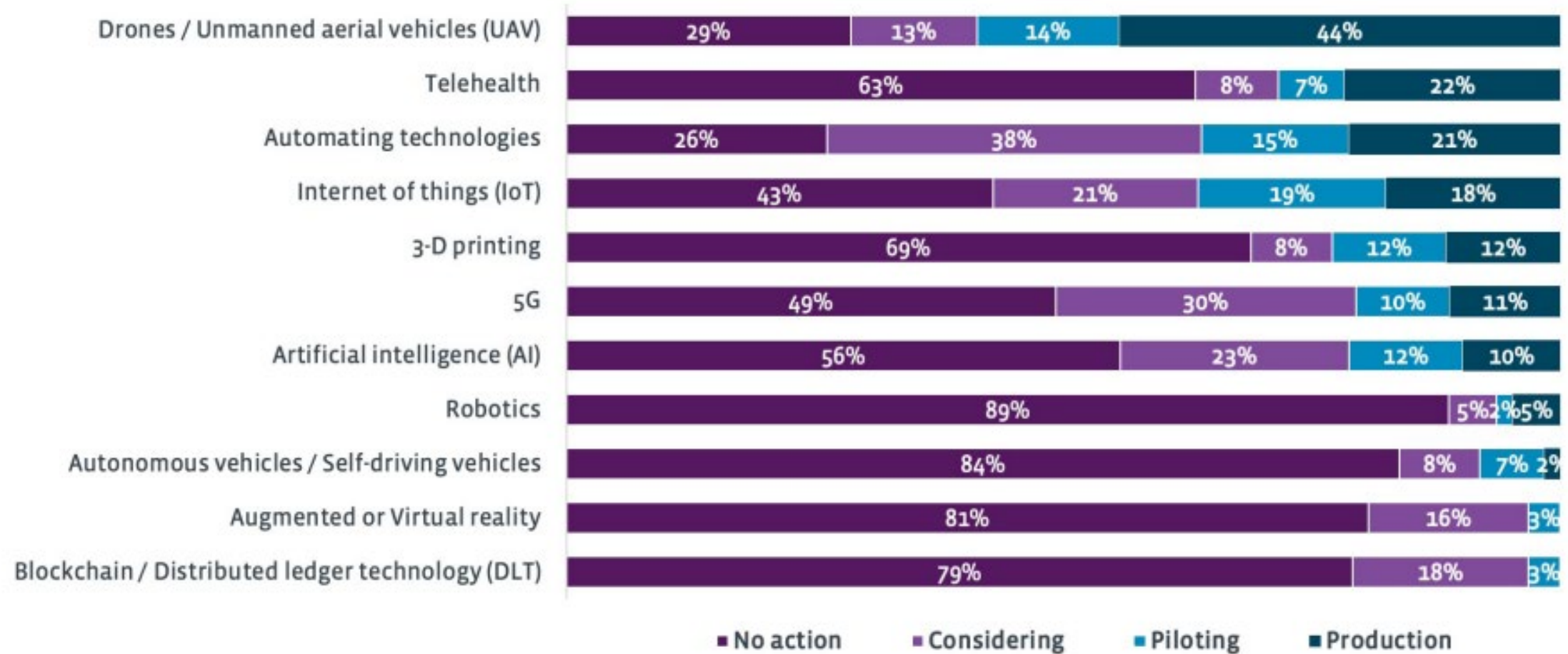
Reported use of managed IT services



City/County Cybersecurity Priorities on Many Fronts



Emerging Technologies Impacting Cities and Counties



Top priorities for bridging skills gaps

#1	Cybersecurity
#2	Soft skills, i.e. improvements to communications, collaboration, team IQ
#3	Cloud, i.e. infrastructure migration, application or platform deployment
#4	Infrastructure, i.e. improvements to network/systems reliability, performance
#5	Digital transformation, i.e. modernizing systems, embracing digital government
#6	Integration, i.e. disparate systems, applications, data streams
#7	Crisis management, e.g. readiness, response, recovery

Most Local Governments Provide Cyber Awareness Training. Why Do 25% Let Elected Leaders Opt Out?



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ROUTE  FIFTY

Connecting state and local government leaders

MANAGEMENT

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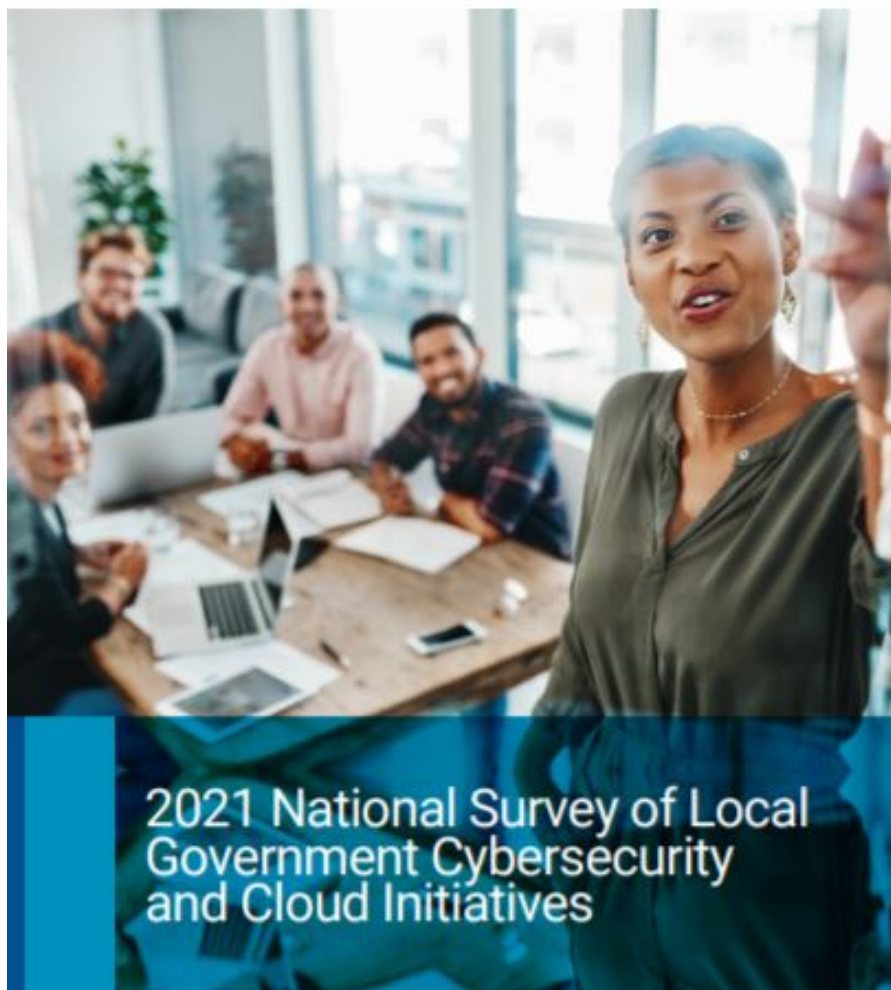


In this June 19, 2017, file photo, a person types on a laptop keyboard in North Andover, Mass. AP PHOTO/ELISE AMENDOLA

By [Andrea Noble](#),
Staff
Correspondent

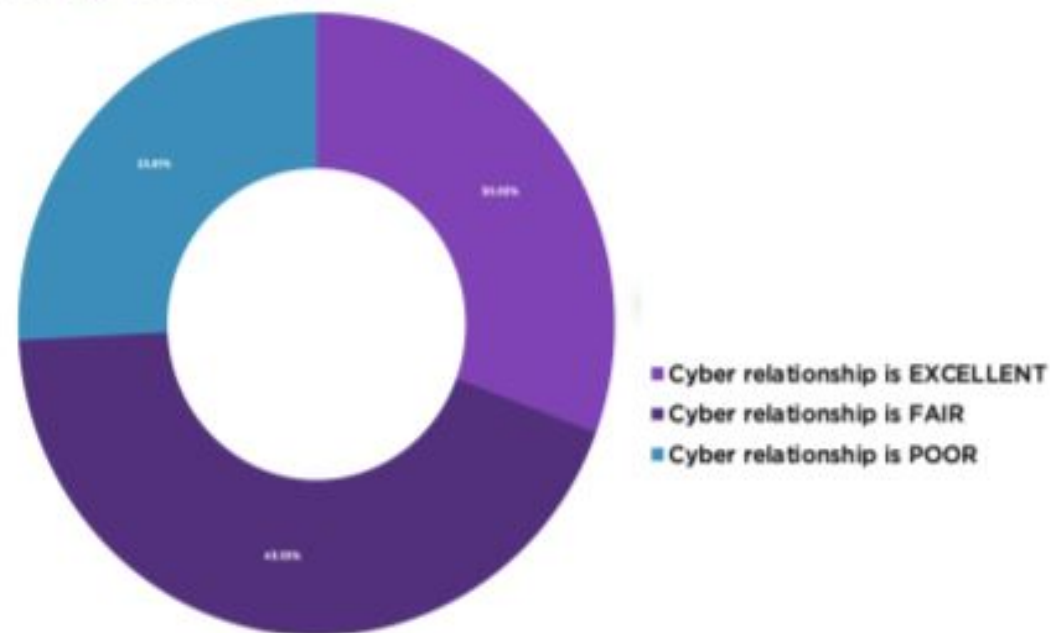
OCTOBER 27, 2021

A new survey from the CompTIA Public Technology Institute highlights cybersecurity concerns among municipal IT professionals, including remote work and rising insurance premiums.



2021 National Survey of Local Government Cybersecurity and Cloud Initiatives

Specific to Cybersecurity: How would you rate the relationship between your IT organization and your state's IT organization in terms of information-sharing, resource-sharing, education and training provided by the state to local governments?



State and Local Government Organizations are Committed to Helping You Navigate the Ever-changing Climate of State and Local Government IT



“Ins and Outs 2019 - 2020”

Throw-Back! ➡



OUT	IN
1. Cyber Security as a concern	Cyber Security as a crisis
2. Perimeter-Based Security Focus	Holistic Active Monitoring and Response Systems
3. Smart Applications	Smart Government
4. Database transactions	Blockchain
5. Uber/Lyft	Bikes/Scooters/Autonomous vehicles
6. Smart software	Artificial Intelligence (AI)
7. Robotics	Robots/Bots/RPA
8. Innovation	Change Management
9. Virtual & Augmented Reality	Mixed Reality
10. Hiring IT Staff (internal)	Managing IT staff (external)
11. Tech to Change Votes	Tech to Change Minds
12. Protecting Information	Protection Against Misinformation



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