# NACO E-Line

**Planning for 2022 Cyber Attacks: Are you ready?**

Threats to attack, infiltrate, and exploit computer systems, networks, and data-dependent organizations (and their brand, reputation, and financial wellbeing) are on the rise. Forecasts are often consistent year-over-year: this year will be worse than last year.

Regardless of industry, customer segment, or organizational type, the question to answer for this year is a ubiquitous one: are you ready?

Can you, your cyber defense systems, and the readiness of your workforce outwit the malicious savviness of attackers and the destructive consequences from compromised data running your business?

This artifact serves as an assessment or audit of your defense readiness against common types of cybersecurity attacks. The following is a general rating scale of your (self-assessed) organizational cyber attack security maturity. For each attack type, rate your security maturity relative to people, process, and technology in place to defend against attacks by noting a number to represent Low (1), Medium (2), or High (3) level of preparedness. [Note: 1 in the left columns of General Preparedness, 2 in the center columns of General Preparedness, or 3 in the right columns of General Preparedness). Use the righthand column to detail immediate action items and next steps based on your organizational security readiness for the attacks this year.

|  | LOW (1) | | | MEDIUM (2) | | | HIGH (3) | | |
|---|---|---|---|---|---|---|---|---|---|
|  | People | Process | Technology | People | Process | Technology | People | Process | Technology |
| General Preparedness | No dedicated function to test or monitor | Ad-hoc or low level defense standards to test, monitor, recover | Little to no defense-in-depth software or hardware systems | Established functions with some dedicated staff who test and monitor | Some process standards in place but not fully in place across the firm | Some defense-in-depth software or hardware systems covering some assets for some/part of attacks | Fully dedicated staff and functional coverage to fully test and monitor | Process standards are in place across the firm and are regularly and fully tested against target levels and goals | Extensive defense-in-depth software or hardware systems covering all critical assets for full array of attacks |

| Common Cyber Attack Type | General Preparedness | | | | | | | | | Action Items |
| | LOW (1) | | | MED (2) | | | HIGH (3) | | | |
| | P | P | T | P | P | T | P | P | T | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Phishing:** used to steal personal user data by posing as a trusted source; tricking victims into opening a text message, email, or clicking on a link that freezes a system, reveals critical information, or installs malicious code. [note: there are specific types of *phishing* such as spear, which is aimed at a specific individual or organization and *whale*, which is aimed at high profile people such as a CEO.] | | | | | | | | | | |
| **Malware:** stealthy code aimed to affect systems without user consent and that can spread from user to user and network to network. [note: examples of malware include ransomware, drive-by attacks, and trojan horse schemes.] | | | | | | | | | | |
| **Web:** these attacks are focused on backend database information and carried out often by SQL Injection or cross-site scripting with the intent of accessing customer lists, personal details, and company data. | | | | | | | | | | |
| **Authentication:** attempt to hack, decrypt, or simply steal a user's password with criminal intent and is often carried out with password sniffers, dictionary attacks, and other cracking algorithms and software programs. | | | | | | | | | | |
| **Eavesdropping:** also known as snooping or sniffing, this is a network attack that attempts to steal data being sent/received via smartphone or other digital device. [note: another type of eavesdropping in Man-in-the-Middle (MITM) attacks.] | | | | | | | | | | |
| **Birthday:** a statistical phenomenon and a simplified version of a brute-force attack in which systematic checks are used to hack passwords until correct; the 'systematic' nature of this attack is repetition of which 1000s of attempts can be made per minute and consider that only 23 people are needed to have a 50% chance of sharing the same birthday in a year. [note: the odds are in the favor of the attackers, so have a very unique login.] | | | | | | | | | | |

| Common Cyber Attack Type | P | P | T | P | P | T | P | P | T | Action Items |
|---|---|---|---|---|---|---|---|---|---|---|
| **DDOS:** A Distributed Denial-of-Service attack is the worst type because it aims to completely shut down a network or service of business. | | | | | | | | | | |
| **Insider:** we hate to think about inside attacks but these types are very real and occur by an individual authorized to access systems. | | | | | | | | | | |
| **AI-Powered:** artificial intelligence (or machine learning) tools can be easily deployed and sit undetected all the while gathering data and 'learning' with the intent of malice. | | | | | | | | | | |
| **People:** regardless of attack type, people are the perimeter of effective defense and therefore rate your team- or organizational-level ability to work with one another on cyber defense and their ability to execute technology well and follow standard operating procedures of defense. [note: in other words, score your overall sense of people, process, and technology readiness for defense.] | | | | | | | | | | |
| **Total:** Add the items in each vertical column and note the total in the corresponding cells here. | | | | | | | | | | Total Score: _____ |

**Scores 10–18** denote a low level of maturity and preparedness. If your score is in this range, leverage industry best practices to immediately implement cyber risk awareness campaigns and establish cyber policies and standard operating procedures for all employees.

**Scores 19–25** denote a medium level of maturity and preparedness. If your score is in this range, congratulations, you have solid practices in place, but there is room for improvement. Connect with peers and collaborate on next-level practices for improved cyber maturity and readiness.

**Scores 25–30** denote a high level of maturity and preparedness. Very well done. You have people, processes, and technology in place to mitigate cyber risk. This certainly does not mean you are immune to threat or a cyber attack. So, remain vigilant and implement continual improvement practices and share lessons learned throughout your ecosystem.

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**Your County, Through the Lens**

Every E-Line will feature a photograph submitted by one of our readers of their county.

**Click Here to Submit a Photo of Your County**

Sioux County, submitted by Josh Skavdahl

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**Upcoming Webinars**

**Life Insurance and Disability Insurance**
**10/27/21, 10 am CST**

Megan Ware with National Insurance will be reviewing some of the benefits of the NACO Life and Disability Insurance Plans: How the plan works for elected officials, the way buy-up enhances the benefit, recent audits and revisions of the NACO Jr. policies, the EAP Plan, etc. This webinar will be made available to view after the date.

**Register for this Webinar**

**Meth Residue Exposure and Decontamination**
**10/28/21, 1:30 pm CST**

Peggy Galloway from Jefferson County Diversion Services will speak about biohazard decontamination from methamphetamine in residential properties. What is the scope of the problem? How you can help your county? This webinar will be made available to view after the date.

**Register for this Webinar**

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**2021 Annual Conference: Meet your Speakers**

# 2021 ANNUAL CONFERENCE

## 93 Strong

### DECEMBER 8-10, 2021

### ERYN HURLEY: NATIONAL UPDATES: ARPA, INFRASTRUCTURE BILL

*Deputy Director of Government Affairs / National Association of Counties*

Eryn serves as the Deputy Director for NACo's Government Affairs Department. In this capacity she assists in Legislative and Executive Brand outreach and advocacy of the association's legislative priorities and policy development. Eryn also staffs NACo's Finance, Pensions and Intergovernmental Affairs Policy Steering Committee. In this capacity, she works with county officials across the nation to set NACo's policies on matters pertaining to the financial resources of counties, fiscal management, federal assistance, municipal borrowing, county revenues, federal budget, federal tax reform, elections and Native American issues.

### JORDAN GRUMMERT RASMUSSEN & CHARLOTTE NARJES: 4 D'S, STRATEGIC PLANNING, AND COMMUNITY ENGAGEMENT

*Extension Educators / Rural Prosperity, University of Nebraska*

Jordan Grummert Rasmussen works alongside current and prospective leaders, residents and youth, listening to what they envision and seek to define for the future of their community. She helps communities achieve these goals by assisting them in developing action plans and outcomes based programs, resource identification and community coaching. Her efforts focus upon local leadership development, resident attraction and building welcoming and inclusive communities.

Charlotte Narjes is a Community Vitality Educator focused on cooperatives. She has been connected with the University of Nebraska-Lincoln's Department of Ag Economics for over 20 years and is aligned with Extension's Community Vitality Initiative. Charlotte has facilitated and developed educational programs, visioning and networking opportunities for rural communities including working with businesses through the Gallup EAS project.

### STEPH VANOUS: CRUCIAL CONVERSATIONS

*Vice President of Consulting / Zelle*

Steph Vanous has more than 15 years of experience in the HR industry - and each day offers something new. As Vice President of Consulting, Steph oversees the consulting division of Zelle. She is constantly establishing new and innovative ways to provide solutions to organizations of all sizes. Working alongside her clients, she works in their organizations to establish consistent and effective results that align with their goals. Her ability to make organizations see things outside their comfort zone is unique, and it's what propels them to move forward. Her keen eye, intuitive spirit, and brilliant industry knowledge are refreshing traits to the HR world.

### CARLIN DAHARSH: ENGAGING YOUR COMMUNITY ON FACEBOOK

*US Politics & Government Outreach, Local / Facebook*

Carlin Daharsh recently joined Facebook's US Politics and Government Outreach Team and manages local outreach across the Southwest. Carlin has dedicated her professional career to working in the state and local government space, most recently, at the National League of Cities where she managed public-private partnerships for municipalities. Carlin is currently located in Washington, DC. Carlin aids local government officials in learning some of the latest tools, tips, and best practices that can help foster community through conversation, curation, and creating seamless experiences online.

### MARK DEDIANA: GUIDING PRINCIPLES FOR SLFRF (ARPA FUNDS)

*Accounting Manager / Lutz*

Mark DeDiana is an Accounting Manager at Lutz with over six years of relevant experience. He is responsible for providing assurance services to clients with a focus in the nonprofit industry. In addition, he assists with individual and business income tax returns. NACO has partnered with Lutz & Company to provide assistance to counties in the administration of the State and Local Fiscal Recovery Funds as part of the American Rescue Plan Act.

### FRANK DALEY: ETHICS

*Executive Director / Nebraska Accountability and Disclosure Commission*

Frank Daley is the Executive Director of the Nebraska Accountability and Disclosure Commission. From 1987 to 1999 he served as the Commission's General Counsel. Prior to his service with the Commission, Daley engaged in the private practice of law in Hebron, Nebraska and served as a staff attorney for the Legal Aid Society of Omaha. He received a BA in Government from Seton Hall University in South Orange, New Jersey and a law degree from Creighton University in Omaha, Nebraska. Daley is a member of the Nebraska State Bar Association and the Lincoln Bar Association. He has served as Chairman of the NSBA's Government Practice Section. Daley served on the governing board of the Council on Governmental Ethics Laws and on the Board of Directors of COGEL International Fund of Sainte-Foy, Quebec, Canada. He is the past president of the Lincoln Bar Association and has served as an editorial board member for Public Integrity; a Journal of the American Society for Public Administration.

**Register to Attend Today**

# PROCUREMENT TRAINING ANNOUNCEMENT

## NEBRASKA
### EMERGENCY MANAGEMENT AGENCY

## FEMA

**Procurement Disaster Assistance Training**

Did you know that 80% of audit findings are due to procurement problems?

This training will focus on the requirements set forth in the Uniform Rules so that participants can identify and avoid potential violations of the Federal procurement requirements that result in the de-obligation of disaster funds.

Topics include: contracts; competition; methods of procurement; cost or price analysis; contractor bonding requirements; contract provisions

November 1, 2021: 9:00–10:00 AM
https://fema.connectsolutions.com/rw1qkv3w24n8/
Conference Number: 1-800-320-4330
Participant Code: 428092#

November 3, 202: 1:00–2:00 PM
https://fema.connectsolutions.com/ru5i2gmac1vk/
Conference Number: 1-800-320-4330
Participant Code: 428092#

Target Audience: Emergency Management personnel, private nonprofit entities, elected officials, City/County Managers, City/County Attorneys, City/County Engineers, Public Works, and Finance/Contracting/Procurement Administrators, and Public/Private Schools.

Questions? Contact Molly Bargmann with Nebraska Emergency Management Agency, molly.bargmann@nebraska.gov
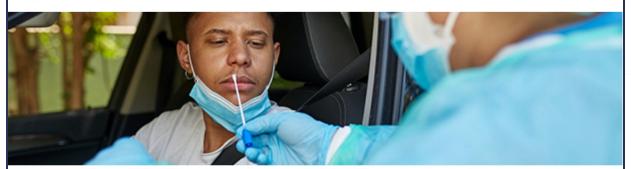


**Free Flu Shot Clinics in November**

Blue Cross and Blue Shield of Nebraska (BCBSNE) will host 14 flu vaccination clinics in early November, in collaboration with YMCAs across the state. Clinics will be open to all between the ages of 9 and 64 at no cost to them, regardless of health insurance coverage.
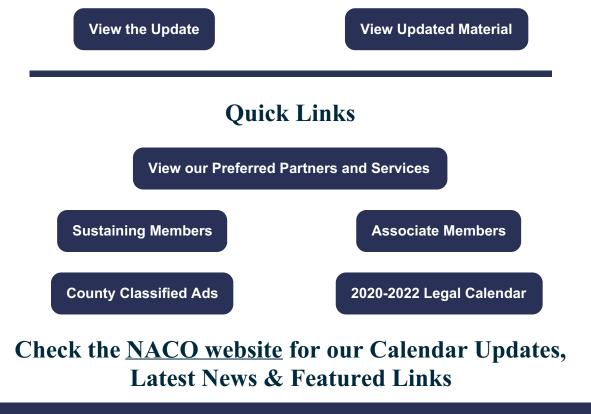
**Find a Clinic Near You**

# Extension of coverage for COVID-19 testing, related services and vaccine administration

The federal government has extended the COVID-19 public health emergency (PHE) through Jan. 15, 2022. Because of that, BlueCross BlueShield of Nebraska is extending their coverage for COVID-19 testing, related services and vaccine administration through Jan. 15, 2022. The web pages and member fliers have been updated to reflect this extension.

As mentioned in the Sept. 24 Employer Update, when the PHE is lifted, the services required to be covered (with cost shares waived) by the CARES Act will return to the plan's standard cost shares.

**View the Update**          **View Updated Material**

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## Quick Links

**View our Preferred Partners and Services**

**Sustaining Members**          **Associate Members**

**County Classified Ads**          **2020-2022 Legal Calendar**

## Check the NACO website for our Calendar Updates, Latest News & Featured Links