**Healthcare and Public Health
Sector Coordinating Council**

Cybersecurity Working Group

2024 Annual Report

Erik Decker
Industry Co-Chair
HSCC Cybersecurity Working Group

2024 shaped up to be another incredible year. I use the term 'incredible' to mean 'progress' and 'unprecedented'. We started the year off by publishing the Healthcare Industry Cybersecurity Strategic Plan (HICSP). This plan is the vision and engine of our collective work. We spent 20 months making sure the entire industry was represented, that the trends of our industry were well understood, and that we had succinct goals and objectives. I'm personally very proud of this plan and I hope you all are taking steps to integrate elements of the plan that are relevant to your organization. It will drive our work for the next 4 years to get our industry into "stable condition".

As we launched the Plan we also faced one of the worst cybersecurity attacks on our industry: the Change Healthcare attack. Largely impacting providers and Health Plans, it was converged-risk, materialized. We've been discussing this problem for a few years and now we understand exactly how it can happen and what its impact can be.

Organizations that depended exclusively on Change for claims processing and had cash flow challenges felt the immediate pressure of keeping their doors open. We learned a lot from this attack: 1) where choke points exist inside our healthcare ecosystem, 2) what preparedness plans need to be in place within and among interconnected organizations and governmentally, and 3) how a national response strategy needs to be developed against such an existential threat. The good news? We actually contemplated this exact situation in the strategic plan, and we have goals and objectives to mitigate it.

Coming straight out of this crisis we got to work. We launched the Sector Mapping and Risk Template (SMART) Task Group to map our healthcare ecosystem's critical functions. We continued working with our GCC partners on minimum standards and incentives to the 'needs based' organizations. We upped our game on coordination between HHS, CISA and Health-ISAC.

I'm proud of the progress and the work that we have accomplished within our Joint Cybersecurity Working Group. In a personal reflection, some of the best work I've done in my career has been here. I'm excited to see where our incoming leadership takes us. Full steam ahead!

Membership

Year-End 2024 Membership

- **454 private sector organizations**, including:
  - 390 owner-operators
    - Includes 53 industry associations and professional societies
  - 64 non-voting advisor companies
  - *Net Increase of 29 members (7%) over Y/E 2023*

- **21 government organizations**, including
  - 11 federal
  - 4 state
  - 2 city
  - 2 county
  - 2 Canadian

Link to member list

Total Member Personnel:

1032

Reach and Visibility

Leading Practices
By the Sector for the Sector

Health Sector Coordinating Council
Cybersecurity Working Group

2024

- Med-Product Manufacturer Cyber Incident Response Playbook
- Executive Checklist for Incident Response
- Medical Device and Health IT Joint Security Plan v2 (JSP2)
- Health Industry Cybersecurity Strategic Plan
- Coordinated Privacy Security Partnerships

2023

- Health Industry Cybersecurity Information Sharing Best Practices
- Health Industry Cybersecurity Matrix of InfoSharing Organizations
- Coordinated Healthcare Incident Response Plan
- Recommended Government Policy & Programs
- Hospital Cyber Landscape Analysis (Joint HSCC/HHS)
- Prioritized Recognized Cybersecurity Practices
- Health Industry Cybersecurity Practices 2023 (Joint)
- Cybersecurity for Clinician Video Training Series
- Health Industry NIST CSF Implementation Guide (Joint)
- Managing Legacy Technology Security
- Artificial Intelligence Machine Learning

2022

- Operational Continuity-Cyber Incident Checklist
- MedTech Vulnerability Communications Toolkit
- Model Contract-Language for Medtech Cybersecurity

2021

- Securing Telehealth and Telemedicine

2020

- Supply Chain Risk Management
- Health Sector Return-to-Work Guidance
- Tactical Crisis Response
- Protection of Innovation Capital
- Checklist for Teleworking Surge During COVID-19

2019

- Workforce Guide
- Medical Device and Health IT Joint Security Plan
- Health Industry Cybersecurity Practices (Joint)

Link to publications

Leading Practices
# 2024 Downloads and Views

Document	Sum of # Downloads
Landscape Analysis 2023	233,400
Health Industry Cybersecurity Practices 2023	131,400
Cybersecurity for the Clinician Video Training	35,698
(Joint) NIST Framework Implementation Guide	10,567
Medical Device & Health IT Joint Security Plan v2	6,088
(Joint) 2024 Operational Continuity-Cyber Incident	6,020
Health Industry Cybersecurity Strategic Plan	3,646
2023 CWG Operational Continuity-Cyber Incident	1,708
Privacy-Security Coordination	1,386
Medical Product Manufacturing Cyber Incident Playbook	1,166
Coordinated Health IncidentResponse Plan	1,156
Model Contract for Medtech Cybersecurity	1,121
Supply Chain Risk Management Guide	1,026
Cyber Incident Response Executive Checklist	941
Managing Legacy Medtech Cybersecurity	746
Artificial Intelligence Cybersecurity	704
Medtech Vulnerability Communications Toolkit	589
Information Sharing Best Practices	557
Matrix of Information Sharing Organizations	548
Tactical Crisis Response Guide	480
Securing Telehealth and Telemedicine	388
Protecting Innovation Capital	189
Workforce 2019	128
Considerations for Recognized Cybersecurity Pactices	75
Grand Total	**439,727**

2024 Total CWG Document Downloads and Views
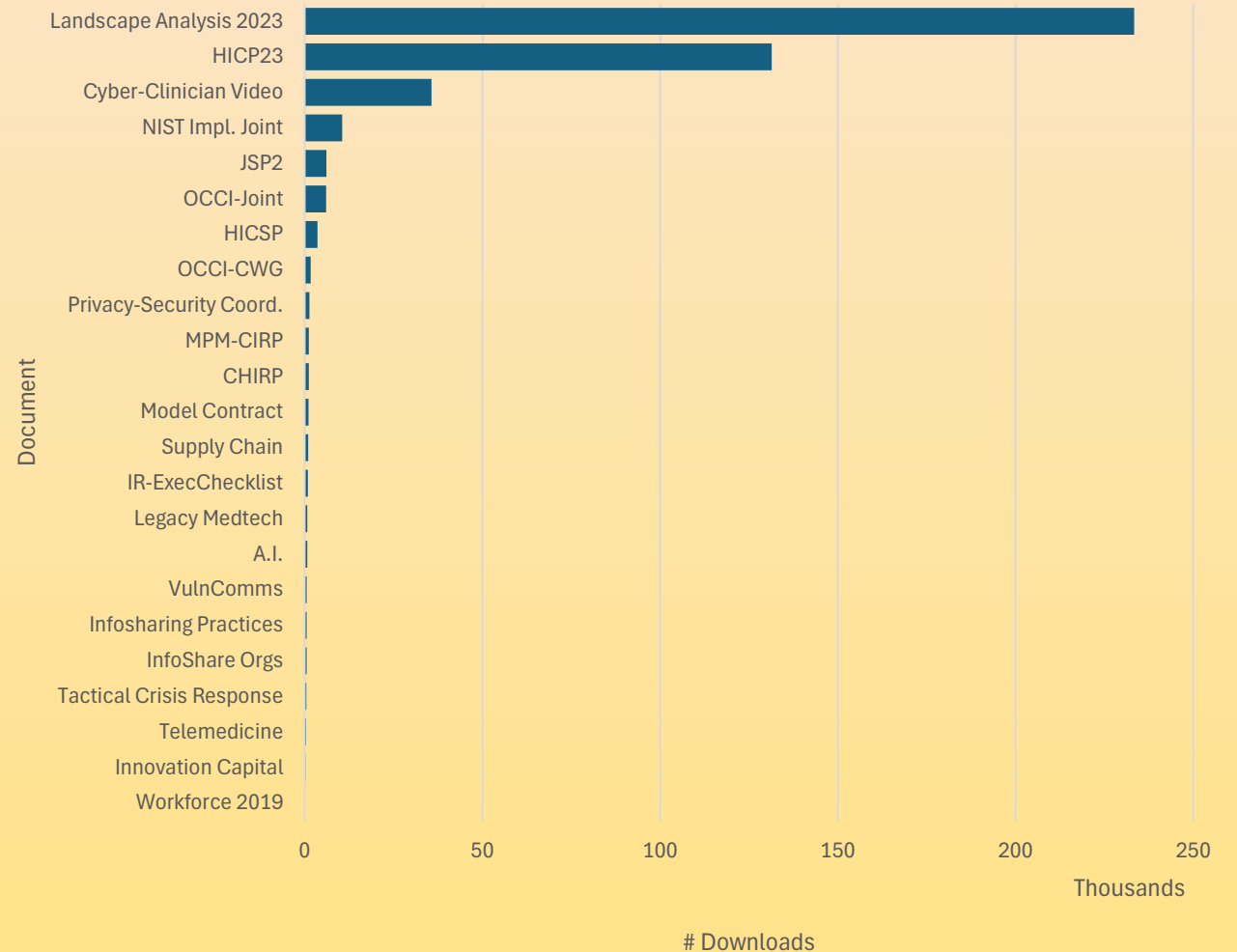
2024 HSCC
Public Foot-Print

Health Sector Coordinating Council
Cybersecurity Working Group

All Publications

- Total downloads **439,800**
- Video Training: **35,700 Youtube views, 1800 hours**

Webpage Views

- Total Page Views: **31,408**
- Total Users: **13,103**

2024 Speaking Appearances: ~36

… *plus uncounted member speaking*

Public Recognition

- **~ 6900 news results** in Google search
- **36 +** Leadership Speaking Engagements
- Congressional Testimony to House Energy and Commerce Committee April 2024

LinkedIn Followers

2,038

2025 Task Groups

HSCC Joint Cybersecurity Task Groups 2025

Health Sector Coordinating Council
Cybersecurity Working Group

TASK GROUP	OBJECTIVE	INDUSTRY LEADS	GOVT. LEAD
Artificial Intelligence Cybersecurity	Identify the emerging risks associated with the use of AI/ML based products and services in HPH and develop recommendations for their mitigations. Develop guidelines, standards, and best practices for AI safety and security.	**Rob Suarez** – *CareFirst* **Rohit Tandon** – *Essentia Health*	*HHS ASPR-* **Charlee Hess**
Health Industry Cybersecurity Landscape Analysis	Update 2023 Hospital Cybersecurity Landscape Analysis which identified the vulnerabilities and threats most frequently resulting in damaging attacks against hospitals and assesses the hospitals' known capabilities for preventing damaging cyber incidents. Version 2 of the L.A. will incorporate more data in the analysis and consider vulnerabilities and incidents faced by additional subsectors.	**Anahi Santiago** – *ChristianaCare* **James Case** – *Baptist Health NE Florida* **Ron Mehring** – *Texas Health Resources*	*HHS ASPR-* **Charlee Hess**
MedTech Cybersecurity Updating/Patching	Develop mutual expectations among health delivery organizations and medical device manufacturers about updating and patching medical devices in the clinical environment, and associated risk, prioritization and cost.	**Chris Gates** - *Velentium* **Phil Englert** – *Health ISAC*	*HHS FDA –* **Lisa Gilbert**
MedTech Manufacturing OT Cybersecurity	Developing leading practices for cybersecurity management of operational/manufacturing technology. Initially focused on medical technology and pharmaceutical subsectors.	**Edison Alvarez** - *Becton Dickinson* **Erin Gilliam** - *Merck*	*HHS FDA –* **Jessica Wilkerson**
MedTech Vulnerability Communications	Provide guidance to differing stakeholders (MDMs, HDO's, clinicians, patients) on preparing, receiving and acting on medical device vulnerabilities. First publication April 2022 on patient awareness. Second version on HDO/MDM engagement and implementation in process.	**Kevin Tambascio** - *Cleveland Clinic* **Les Gray** - *Abbott* (Advisor) **Axel Wirth** - *Medcrypt*	*HHS FDA –* **Jessica Wilkerson**

HSCC Joint Cybersecurity Task Groups 2025

Health Sector Coordinating Council Cybersecurity Working Group

TASK GROUP	OBJECTIVE	INDUSTRY LEADS	GOVT. LEAD
Outreach and Awareness	Develop CWG brand and marketing strategy	**Kristi Warner** – *Abbott* **Ed Gaudet** – *Censinet* (Advisor)	*HHS HC3 –* **Troy Adams**
Public Health Cybersecurity	Identify strategies for strengthening the cybersecurity and resilience of SLTT public health agencies with the support of private sector and academic organizations.	**Dr. Leanne Field** – The UT Austin	HHS ASPR – **Bob Bastani**
Sector Mapping and Risk Template	Develop methodology to identify chokepoints in the healthcare system that could impact the flow of electronic health information, payments, or medical services for core healthcare delivery and ancillary functions.	**Adrian Mayers** –Premera Blue Cross **Samantha Jacques** – McLaren Health	HHS ASPR - **Charlee Hess**
Strategic Plan Implementation	Organized Health Industry Cybersecurity Strategic Plan into an implementation structure, process and timeline to achieve its 10 Goals and 12 Objectives by the target of 2029	**Chris Tyberg** – Abbott **Bobby Rao** – Esper Group	FDA – **Linda Ricci**
Underserved Provider Cybersecurity Advisory Group	Conduct a series of documented panel discussions with management of under-resourced providers to interview for perspectives about cybersecurity challenges, financial and operational challenges, and their needs for assistance to meet cybersecurity obligations	**Jennifer Stoll** – OCHIN, Inc. **Jim Roeder** – Lakewood Health System	DHS CISA NRMC **Dr. Reuven Pasternak**

Governance

Health Sector Coordinating Council
Cybersecurity Working Group

Cybersecurity Working Group
2025 Industry Executive Committee

CHAIR
Chris Tyberg
Chief Information Security Officer
ABBOTT

VICE CHAIR
Samantha Jacques
VP Corporate Clinical Engineering
MCLAREN HEALTH CARE

AT-LARGE
Sanjeev Sah
SVP, Enterprise Technology Services & CISO
NOVANT HEALTH

CROSS SECTOR
Bobby Rao
Global CISO
ESPER GROUP

DIRECT PATIENT CARE
James Case
VP & CISO
BAPTIST HEALTH NE FLORIDA

DIRECT PATIENT CARE
Anahi Santiago
CISO
CHRISTIANACARE

HEALTH IT
Jennifer Stoll
Chief of External Affairs
OCHIN, INC.

MEDICAL TECHNOLOGY
Chris Reed
Sr. Director of Cybersecurity Policy
Global Regulatory Affairs,
MEDTRONIC

PLANS-PAYERS
Adrian M. Mayers, Dr.BA,
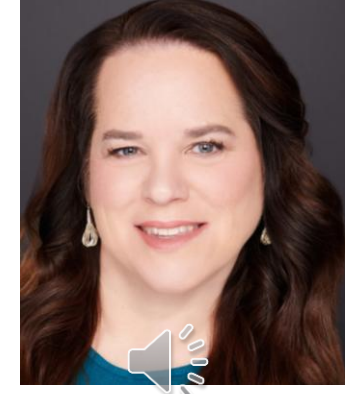VP & CISO
PREMERA BLUE CROSS

PHARMA-LAB-BLOOD
Inhel Rekik
Senior Director
Product Security
BRACCO GROUP

PUBLIC HEALTH
Leanne Field PhD, M.S.
Clinical Professor & Founding Director
Public Health Program
UNIVERSITY OF TEXAS AT AUSTIN

OPERATIONAL LIAISON *(non-voting)*
Denise Anderson
President & CEO
HEALTH-ISAC

Health Sector Coordinating Council
Cybersecurity Working Group

Brian Mazanec

Deputy Assistant Secretary and Deputy Director
Center for Preparedness
Administration for Strategic Preparedness and Response

Suzanne Schwartz

Director
Office of Strategic Partnerships & Technology Innovation
Center for Devices and Radiological Health
U.S. Food and Drug Administration

HEALTH SECTOR COORDINATING COUNCIL
Cybersecurity Working Group

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