



Healthcare & Public Health
Sector Coordinating Councils

PUBLIC PRIVATE PARTNERSHIP

HSCC Cybersecurity Working Group

Q2 2022 Progress Report

July 1, 2022

Chairman's Forward



Erik Decker
Industry Co-Chair
HSCC Cybersecurity
Working Group

The second quarter of 2022 was an enormously productive time for the HSCC Cybersecurity Working Group. We produced new work products, we kicked off new task groups, we engaged with new senior leaders at HHS and CISA, and we've laid the foundation to leapfrog the importance of this Working Group for our Sector. With every new accomplishment serving as a punctuation mark – a semicolon – for all the work that must still come.

The quarter was capped off on June 15 with an auspicious meeting between White House National Cyber Director Chris Inglis, Cabinet level designees of HHS, CISA, and the CEOs and senior executives of the Cybersecurity Working Group's Executive Committee member organizations. At Director Inglis's invitation, this meeting was intended to showcase that "semicolon" – recognizing the incredible energy of the Cybersecurity Working Group and the importance of the resources we are contributing to the sector, while at the same laying the groundwork for an enhanced and accelerated partnership between the sector and government to test our collective cyber preparedness and plan for a changing healthcare threat landscape (see Greg Garcia's June 29 email report on the meeting).

In light of the action items from the White House meeting, it is fitting that we had already established task groups during the 1st and 2nd quarters to begin the process of taking stock of our progress and plan our strategy for the years ahead.

Four new task groups on Outreach & Awareness, Measurement, JSP2, and Five-Year Plan were designed to coordinate the intersection of awareness, assessment and reassessment that is a necessary process for cybersecurity risk management. Likewise, the new Incident Response and Business Continuity (IRBC) Task Group was formed to keep our attention on training and exercising for the worst, building muscle memory. Their first publication in April - the Operational Continuity-Cyber Incident (OCCI) toolkit - was developed with the same urgency that we must apply to every real-life incident, stressing that we can never be complacent.

Also in April came the "MVCT" or Medtech Vulnerability Communications Toolkit to provide more clarity and actionable guidance for patients about how cyber vulnerabilities in medical devices might affect them. That task group moves now to communications guidance with HDO CISOs as the target.

Finally, thanks to Abbott and Vice Chair Chris Tyberg for hosting in Chicago April 20-21 our first full, in-person All-Hands Meeting since the pandemic began. Ninety in-person and 128 virtual attendees illustrated the motivation behind regaining our momentum.

As we look to Q3, we have 2 or 3 publications on deck, and will mobilize in partnership with HHS around assessing the Health Care Industry Cybersecurity Task Force recommendations as requested by the White House, and consider how we adjust our strategy to implement it as the health sector and the cyber threat environment evolve. **We have fantastic momentum in 2022, let's keep it up!**

ACTIVITY HIGHLIGHTS

Q2 2022 REPORT

ACTIVITY HIGHLIGHTS

- **All-Hands Meeting, April 20-21, hosted by Abbott in Chicago; more than 200 participants, 88 in person**
- **Two high-level engagements with White House National Cyber Director – April 20 All-Hands and June 15 Executive Committee CEO Meeting on Assessments and Next Steps**
- **HSCC CWG Executive Director served on June 15 Joint Commission Technical Advisory Panel (TAP) to discuss potential cybersecurity considerations in TJC reviews**
- **Two Publications in April:**
 - **OCCI – Operational Continuity-Cyber Incident toolkit**
 - **MVCT – MedTech Vulnerability Communications Toolkit**
- **Workforce Task Group secured 2 funding contributions for production of “Cybersecurity for Clinicians” video training series: Health Care Services Corporation (HCSC) - \$75k, and Health-ISAC - \$50k**
- **25 new organizational members (8.5% increase over Q1)**
- **Four new task groups launched and underway;**
 - **Five-Year Plan TG standing by for HHS strategy and commitment of resources**
- **Showcased MVCT Toolkit at H-ISAC Spring Summit - Orlando**

Membership

CWGW Membership by the Numbers

As of June 30, 2022

- 318 voting organizational members
 - + 25 members (8.5%)
- 41 non-voting Advisor companies
 - + 11 Advisors (36%)
- 45 Industry Association members
 - + 1 Association member (2%)
- Government organizations include 9 federal agencies, 2 state agencies, 2 city agencies, and 2 Canadian
- Total representing personnel: 763
 - + 69 Member personnel (10%)

2022 Subsector Distribution by Organization

- Direct Patient Care: **39.5%**
- Health Information Technology: **9.25%**
- Health Plans and Payers: **4.75%**
- Mass Fatality and Management Services: **0**
- Medical Materials: **9.5%**
- Laboratories, Blood, Pharmaceuticals: **5.75%**
- Public Health: **4%**
- Cross-sector: **7%**
- Government (Fed, State, County, Local): **10%**
- Advisors: **10.25%**

For subsector definitions see (pdf) page 12 of <https://www.cisa.gov/sites/default/files/publications/nipp-ssp-healthcare-public-health-2015-508.pdf>

Initiatives

Task Groups 2022

NEW Task Groups in Box

• FIVE-YEAR PLAN / HCIC TASK FORCE UPDATE

- Update the Health Care Industry Task Force (HCIC) recommendations as a five-year plan reflecting emerging threat scenarios in a rapidly evolving healthcare system

• INCIDENT RESPONSE BUSINESS CONTINUITY PLAYBOOK

- Develop a healthcare cyber incident response and business continuity plan aligned with existing physical incident response protocols. First publication on emergency management after extended cyber-related outage released April 2022

• MEASUREMENT

- Measurement Task Group with scope TBD: e.g., a) measurement methodology; b) measure sector adoption of cybersecurity frameworks such as NIST CSF, HSCC HICP; c), measuring sector-wide security performance; and/or d) measuring patient impact from a cyber event.

• OUTREACH & AWARENESS

- Focused, resourced and creative attention on leveraging government, industry associations and other stakeholders to build national health sector awareness and adoption of HSCC cybersecurity resources, NIST CSF, etc.

• MEDTECH CYBERSECURITY JOINT SECURITY PLAN UPDATE (JSP2)

- First published in January 2019, the Medical Device and Health IT Joint Security Plan will be updated to reflect ongoing developments in medical device security and to integrate subsequent work products soon to be published on legacy device security, model cybersecurity contract language for medical technology, and vulnerability communications standardization

• MEDTECH VULNERABILITY COMMUNICATIONS

- Provide guidance to differing stakeholders (MDMs, HDO's, clinicians, patients) on preparing, receiving and acting on medical device vulnerabilities. First publication on patient awareness released April 2022. Second version on HDO preparedness.

• 405(d) – HEALTH INDUSTRY CYBERSECURITY PRACTICES

- Joint Industry/HHS Task Group (from §405(d) of the Cybersecurity Act of 2015) created the HICP (Health Industry Cybersecurity Practices) and is developing supporting collateral material and timely cyber events, marketing and partnerships

• EMERGING TECHNOLOGY CYBERSECURITY

- Assess emerging technologies used in healthcare may present cybersecurity risks. First publication pending on artificial intelligence. Next assessment on how to protect/encrypt systems, data and identity against malicious use of quantum computing

• SUPPLY CHAIN

- Results of pending survey on critical supplier risk management will inform subsequent development of related best practices.

• RISK ASSESSMENT

- Finalized NIST Cyber Framework Implementation guide; under review by HHS for co-branding

• INTERNATIONAL

- Hosting webinars on health-cyber international coordination

• WORKFORCE DEVELOPMENT

- Preparing series of cybersecurity training videos for clinicians and healthcare students; Reviewing potential production companies for cost and outside funding opportunities

• POLICY

- Activates as needed for policy proposals and response

Publications

HSCC CYBERSECURITY WORKING GROUP

2019-2022 Guidance Publications

SEE: <https://healthsectorcouncil.org/hsc-recommendations/>

- April 2022 [Operational Continuity Cyber Incident \(OCCI\)](#)
- April 2022 [MedTech Vulnerability Communications Toolkit \(MVCT\)](#)
- March 2022 [Model Contract-Language for Medtech Cybersecurity \(MC2\)](#)
- June 2021 [Letter to President Biden on Healthcare Cybersecurity Strategy](#)
- April 2021 [Health Industry Cybersecurity – Securing Telehealth and Telemedicine](#)
- September 2020 [Health Industry Cybersecurity Supply Chain Risk Management](#)
- June 2020 [Health Sector Return-to-Work \(R2W\) Guidance](#)
- May 2020 [Health Industry Cybersecurity Tactical Crisis Response](#)
- May 2020 [Health Industry Cybersecurity Protection of Innovation Capital](#)
- March 2020 [Health Industry Cybersecurity Information Sharing Best Practices](#)
- March 2020 [Management Checklist for Teleworking Surge During COVID-19](#)
- October 2019 [Health Industry Cybersecurity Matrix of Information Sharing Organizations](#)
- June 2019 [Health Industry Cybersecurity Workforce Guide](#)
- January 2019 [Medical Device and Health IT Joint Security Plan \(JSP\)](#)
- January 2019 [Health Industry Cybersecurity Practices \(HICP\)](#)

Publications on Deck

- White Paper on Artificial Intelligence Applications and Cyber Risks in Healthcare – Q3 2022
- Health Industry NIST Cybersecurity Framework Implementation Guide – Q3 2022
- Legacy Medical Device Cybersecurity Management Guide – Q4 2022

Visibility

Q2 Foot-Print:

Webpage Metrics, Social Media, and Press

Webpage Views

Total Q2 Page Views

- 17,900
- **60% Increase from Q1 2022**
- *Unique Page Views*
 - 14,901
 - **44% Increase from Q1 2022**
- Press Mentions
 - 23 Press Mentions

Social Media Followers (since

account opening October 2018)

- LinkedIn:
 - 595
 - **29% increase from Q1 2022**
- Twitter:
 - 187
 - **7% increase from Q1 2022**

2021 Footprint

Webpage Views 2018 vs. 2019 vs. 2020 vs. 2021

- Total Page Views
 - 2021: 41,446 / 2020: 19,427 / 2019: 34,903 / 2018: 5,817
 - **113% Increase**
- Unique Page Views
 - 2021: 37,042 / 2020: 17,788 / 2019: 31,028 / 2018: 4,365
 - **108% Increase**

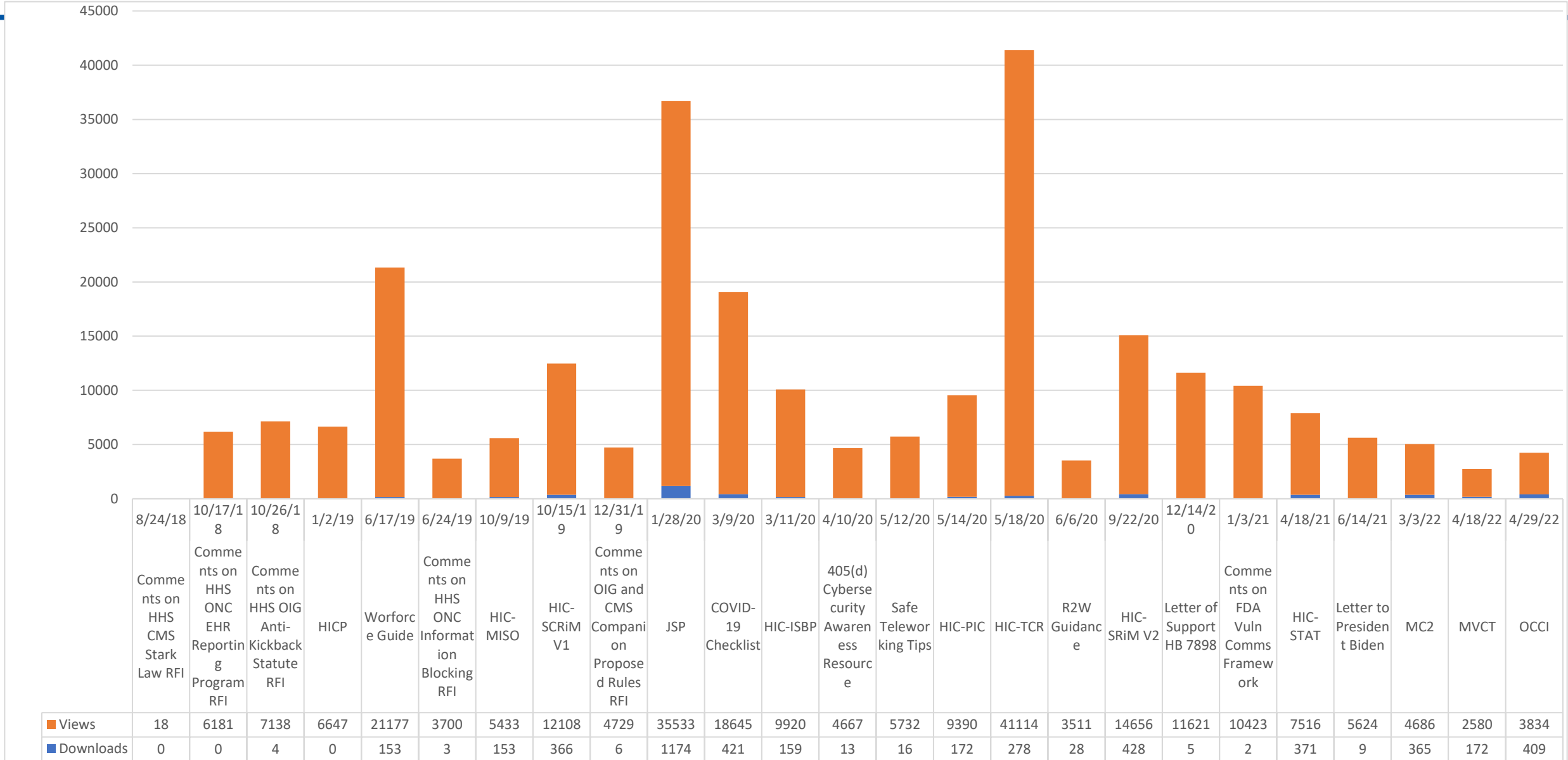
Social Media Followers

- LinkedIn: 386
- Twitter: 163
 - Social Media Accounts were created in October 2018.

Press Mentions

- 12 Press Mentions in 2021
 - 1 Press Mentions per month on average.

View and Download Statistics of HSCC Publications



Leadership 2022

2022 Executive Committee



CHAIR: Erik Decker, AVP - Chief Information Security Officer, Intermountain Healthcare



VICE CHAIR: Chris Tyberg, Chief Information Security Officer, Abbott



Julian Goldman, MD, Medical Director, Biomedical Engineering, Mass General Brigham



Samantha Jacques, Vice President Corporate Clinical Engineering, McLaren Healthcare



Leslie A. Saxon, MD, Executive Director, USC Center for Body Computing



Janet Scott, Vice President, Business Technology Risk Management and CISO, Organon



Leanne Field, PhD, M.S., Clinical Professor & Founding Director, Public Health Program, The University of Texas at Austin



Denise Anderson, President & CEO, Health Information Sharing & Analysis Center



Michael McNeil, Senior Vice President, Global CISO, McKesson



Marilyn Zigmund Luke, Vice President, America's Health Insurance Plans



Mark Jarrett, Senior Health Advisor, Northwell Health.

2022 Government Co-Chairs

Suzanne Schwartz

Director

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

Julie Chua

Director, GRC Division

HHS Office of the Chief Information Officer

Bob Bastani

Senior Cyber Security Advisor

**Security, Intel, and Information Management Division
Office of the Assistant Secretary for Preparedness & Response
U.S. Department of Health and Human Services**

SAVE THE DATE

FALL HSCC JOINT CYBERSECURITY WORKING GROUP

ALL-HANDS MEETING

NOVEMBER 2-3

WASHINGTON, DC

VENUE TBD

HEALTH SECTOR COORDINATING COUNCIL

Cybersecurity Working Group



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