



Healthcare & Public Health  
Sector Coordinating Councils

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**PUBLIC PRIVATE PARTNERSHIP**

# **HSCC Cybersecurity Working Group**

## **Q1 2021 Progress Report**

**March 31, 2021**

# Chairman's Forward



**Terry Rice**  
Industry Co-Chair  
HSCC Joint  
Cybersecurity  
Working Group

**Even with another wave of pandemic infections and the attendant reprioritization of work, members of the HSCC Joint Cybersecurity Working Group stayed focused and started strong in the first quarter of 2021**, with 4 task groups nearing completion of their initiatives. In sum, all of our 12 task groups convened *91 meetings in Q1*, drafting and negotiating complex security practices that, if broadly adopted and implemented, will demonstrably improve the security of this sector against ongoing and evolving cyber threats. But we also know those efforts are at best just keeping up, as new variants of attack such as the SolarWinds supply chain vector force us to remain vigilant and resolute. Our role is to ensure cybersecurity enables our essential research, manufacturing and patient care responsibilities, and we are demonstrating that linkage.

The first quarter marks not only the coming together of several important deliverables, but a coming together of our thinking about what still needs to be done as we slowly transition out of pandemic response. Our Executive Committee met in February and re-affirmed our commitment to implementing the many recommendations of the [2017 Health Care Industry Cyber Security Task Force report](#) through our tactical [Task Groups'](#) initiatives.

And to broaden awareness, implementation and effectiveness of those initiatives across the sector, the HSCC leadership worked with our government partners in Q1 to set goals for our public private partnership to connect our shared vision with structured routines and coordination. Knitting together this connective tissue will be an important element of our upcoming "All-Clicks" virtual meeting April 19-23. We will break into separate brainstorming sessions to consider our goals with "S.M.A.R.T." objectives that are Specific, Measurable, Achievable, Relevant, and Time-Bound. Your participation in those sessions is essential. Please see the most recent communications about the background and expectations of the All-Clicks meeting in your email inbox from Greg Garcia and Allison Burke.

Finally, I want to say a personal word about my tenure as the industry chair of the HSCC Cybersecurity Working Group. According to the Charter, my term will conclude at the end of year. It will have been four full, and fulfilling, years for me in this role and it will be time to pass the baton. We'll save goodbyes and transition process for later, but it is not too soon for us to begin thinking about successors for leadership to sustain our momentum with new energy and fresh ideas.

**See you at the All-Clicks Meeting!**

# HEALTHCARE SECTOR COORDINATING COUNCIL CYBERSECURITY WORKING GROUP

## Membership and Governance

**CWG Membership by the Numbers - as of March 31, 2021**

- 295 voting organizational members, including
  - 42 industry association members
- 44 non-voting advisor companies
- Q1 2021 increase from 276 to 295 voting members
- Government organizations include 9 federal agencies, 2 state agencies, 2 city agencies, and 2 Canadian
- Total representing personnel: 649

## Organizational Membership Subsector Distribution

- Direct Patient Care: **39.7%**
- Health Information Technology: **10.4%**
- Health Plans and Payers: **3.8%**
- Mass fatality and Management Services: **0**
- Medical Materials: **10.6%**
- Laboratories, Blood, Pharmaceuticals: **5.7%**
- Public Health: **3.5%**
- Cross-sector: **4.4%**
- Government (Fed, State, County, Local): **9.8%**
- Non-Voting Advisors: **12.0%**

## Webpage Metrics, Social Media, and Press Foot-Print

### Webpage Views

#### *Total Page Views*

- 14,652
- **25.0% Decrease from Q4 2020**
- *Unique Page Views*
  - 13,573
  - **23.6% Decrease from Q4 2020**

### Social Media Followers (since account opening October 2018)

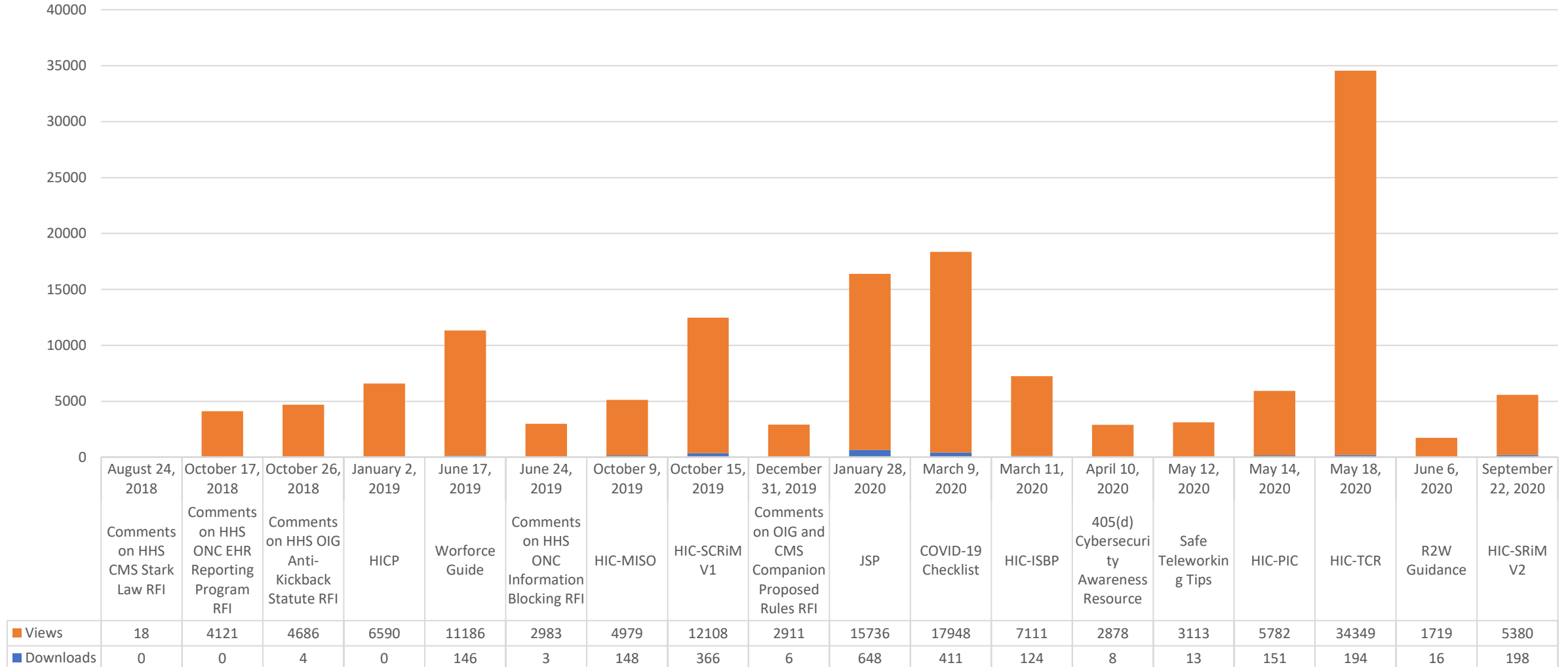
- LinkedIn: 349 *2.6% increase from Q4 2020*
- Twitter: 130 *11.1% increase from Q4 2020*
- Press Mentions
  - 3 Press Mentions in Q1 2021

# HEALTH SECTOR COORDINATING COUNCIL JOINT CYBERSECURITY WORKING GROUP

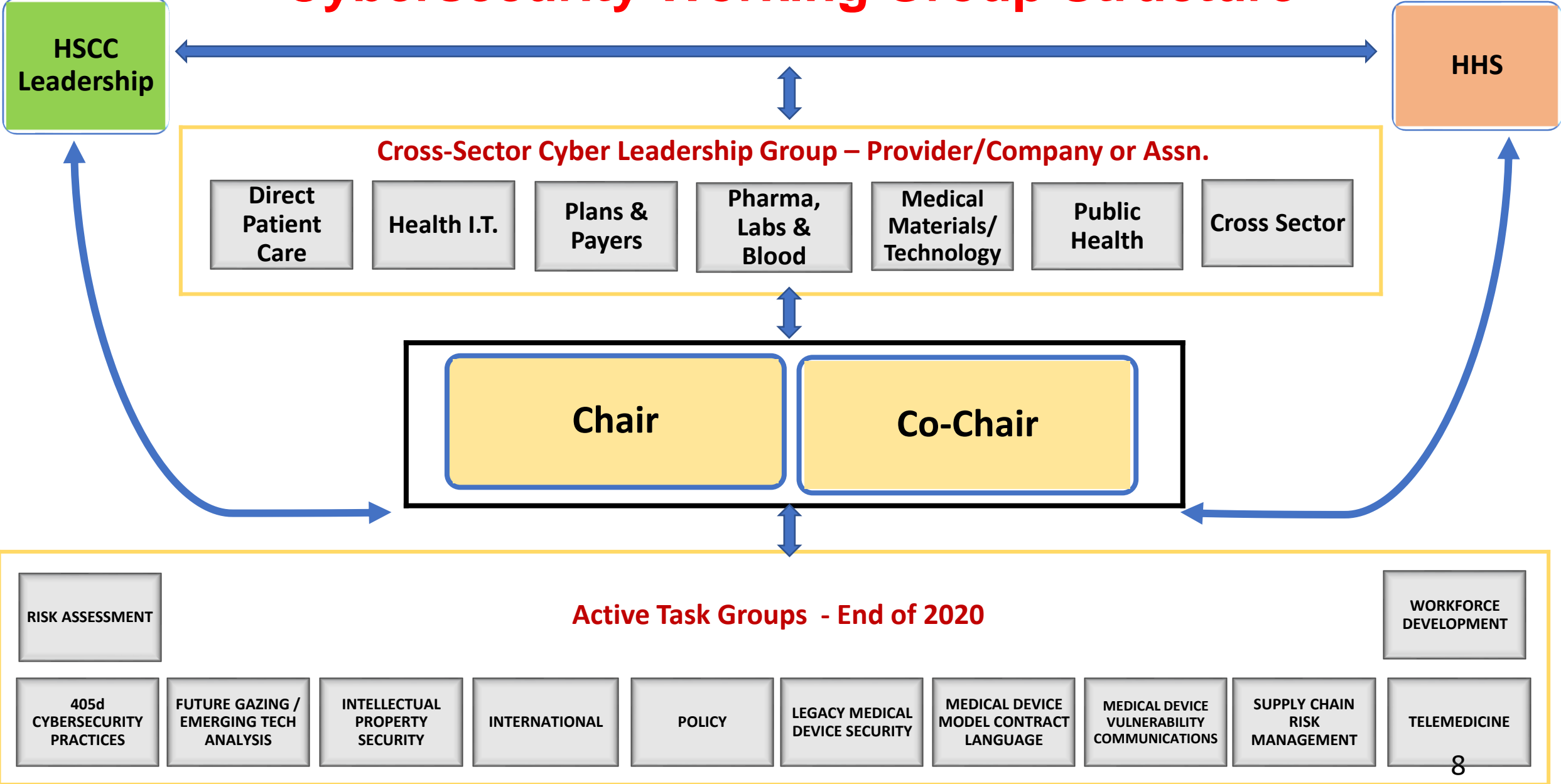
## Q1 2021 Report

### View and Download Statistics of HSCC Recommendations

*all downloads based on May 2019 installation of download plugin\**



# Cybersecurity Working Group Structure





# 2021 Executive Committee



**CHAIR: Terence (Terry) Rice**  
Vice President, Information  
Risk Management and CISO,  
Merck



**VICE CHAIR: Theresa Meadows,**  
SVP & CIO, Cook Children's  
Healthcare System



**Erik Decker, AVP & CISO,**  
Intermountain Healthcare



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



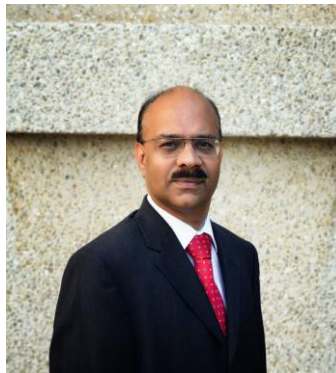
**Marilyn Zigmund Luke, Vice**  
President, Special Projects  
America's Health Insurance Plans



**Michael McNeil,**  
Senior Vice President,  
Global CISO, McKesson



**Greg Barnes, CISO**  
Amgen



**Sri Bharadwaj, Vice President,**  
Digital Innovation,  
Franciscan Health



**Denise Anderson,**  
President, Health-ISAC



**Mark Jarrett, Chief Quality Officer,**  
Senior Vice President & Associate  
Chief Medical Officer, Northwell  
Health

# 2021 Government Co-Chairs

**Suzanne Schwartz**

**Director**

**Office of Strategic Partnerships & Technology Innovation**

**Center for Devices and Radiological Health**

**U.S. Food and Drug Administration**

**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**

**Julie Chua**

**Director, GRC Division**

**HHS Office of the Chief Information Officer**

# HEALTHCARE SECTOR COORDINATING COUNCIL CYBERSECURITY WORKING GROUP

## Initiatives and Deliverables

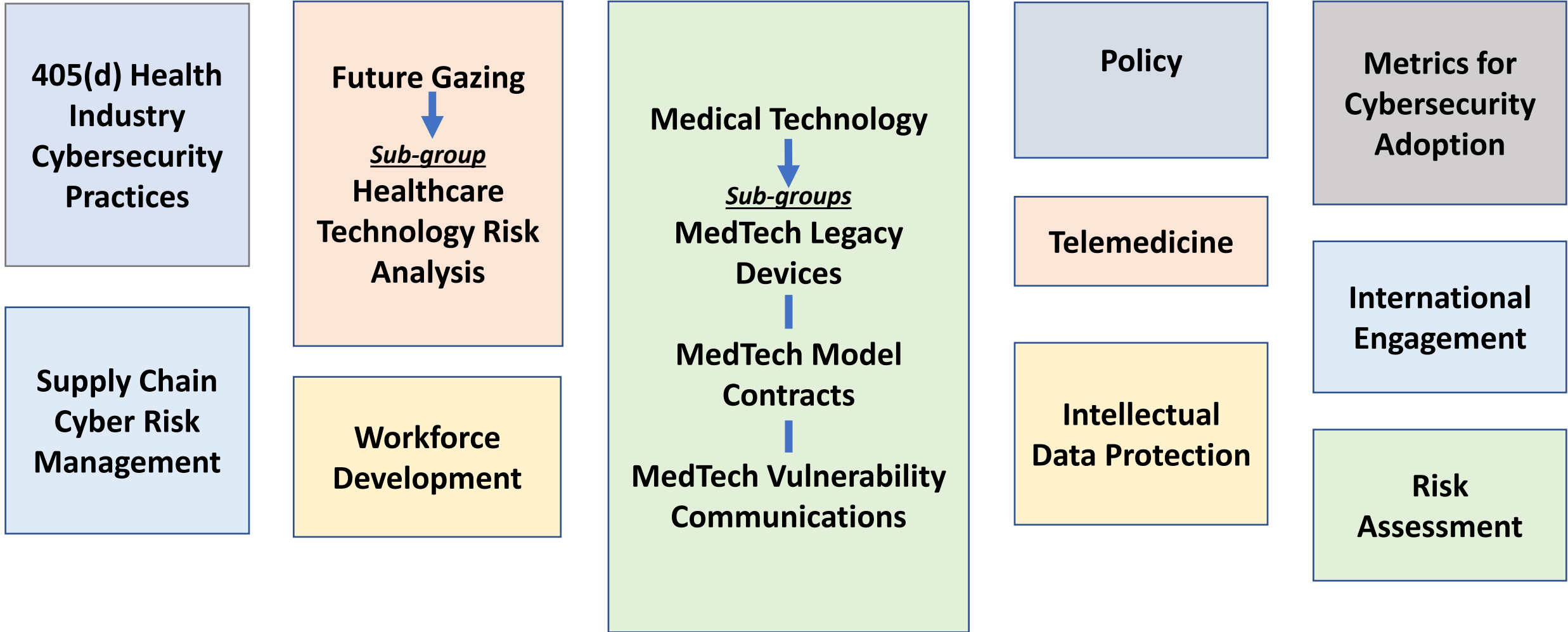
## **CWG Task Groups formed to implement the 2017 Healthcare Industry Cyber Security Task Force Imperatives:**

1. Define and streamline leadership, governance, and expectations for healthcare industry cybersecurity.
2. Increase the security and resilience of medical devices and health IT
3. Develop the healthcare workforce capacity necessary to prioritize and ensure cybersecurity awareness and technical capabilities
4. Increase healthcare industry readiness through improved cybersecurity awareness and education
5. Identify mechanisms to protect R&D efforts and intellectual property from attacks and exposure
6. Improve information sharing of industry threats, risks, and mitigations

# HEALTH SECTOR COORDINATING COUNCIL JOINT CYBERSECURITY WORKING GROUP

## Q1 2021 Report

### TASK GROUPS IN PROGRESS



# Addressing the Health Care Industry Cybersecurity Task Force Imperatives

HCIC IMPERATIVES	JCWG DELIVERABLES	DATE DELIVERED
<p><b>1. Define and streamline leadership, governance, and expectations for healthcare industry cybersecurity</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Industry Cybersecurity Supply Chain Risk Management Guide (HIC-SCRiM)</a></li> <li>• CWG letters to HHS in 2018 (<a href="#">Oct. 26 -OIG</a> and <a href="#">August 28-CMS</a>) on Stark rule waiver accepted in HHS proposed rule</li> <li>• <a href="#">Health Industry Cybersecurity Practices (HICP)</a></li> </ul>	<p>September 2020</p> <p>October 2019</p> <p>August 2019</p> <p>December 2018</p>
<p><b>2. Increase the security and resilience of medical devices and health IT</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Industry Cybersecurity Supply Chain Risk Management Guide (HIC-SCRiM)</a></li> <li>• HIC-SCRiM v1</li> <li>• <a href="#">Management Checklist for Teleworking Surge During COVID-19 Response</a></li> <li>• <a href="#">Medical Device and Health I.T. Joint Security Plan (JSP)</a></li> <li>• <a href="#">Health Industry Cybersecurity Practices (HICP)</a></li> </ul>	<p>September 2020</p> <p>October 2019</p> <p>March 2020</p> <p>January 2019</p> <p>December 2018</p>
<p><b>3. Develop the healthcare workforce capacity necessary to prioritize and ensure cybersecurity awareness and technical capabilities</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Industry Cybersecurity Workforce Development Guide (HIC-Workforce)</a></li> </ul>	<p>June 2019</p>

# Addressing the Health Care Industry Cybersecurity Task Force Imperatives

HCIC IMPERATIVES	JCWG DELIVERABLES	DATE DELIVERED
<p><b>4. Increase healthcare industry readiness through improved cybersecurity awareness and education</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Sector Return to Work Guidance</a></li> <li>• <a href="#">Health Industry Cybersecurity Tactical Crisis Response Guide</a></li> <li>• <a href="#">HSCC Multimedia Promotions for National Cyber Security Awareness Month (blogs, podcast, webinars)</a></li> <li>• <a href="#">HICP</a>, <a href="#">HIC Workforce</a>, <a href="#">HIC-MISO</a>, <a href="#">JSP</a>, <a href="#">HIC-SCRiM</a></li> </ul>	<p>June 2020 May 2020</p> <p>October 2019</p> <p>2019-2020</p>
<p><b>5. Identify mechanisms to protect R&amp;D efforts and intellectual property from attacks and exposure</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Industry Cybersecurity Intellectual Property Protection Guide</a></li> </ul>	<p>May 2020</p>
<p><b>6. Improve information sharing of industry threats, risks, and mitigations</b></p>	<ul style="list-style-type: none"> <li>• <a href="#">Health Sector Return to Work Guidance</a></li> <li>• <a href="#">Health Industry Cybersecurity Tactical Crisis Response Guide</a></li> <li>• <a href="#">Health Industry Cybersecurity Information Sharing Best Practices</a></li> <li>• <a href="#">Health Industry Cybersecurity Matrix of Information Sharing Organizations (HIC-MISO)</a></li> </ul>	<p>June 2020 May 2020</p> <p>March 2020</p> <p>September 2019</p>

# Deliverables on Deck

- **Telemedicine Cybersecurity White Paper and Guide – Expected April**
- **Health Industry NIST Cybersecurity Framework Implementation Guide – Expected Q2**
- **Legacy Medical Device Cybersecurity Management Guide – Expected Late Q2**
- **Medical Device Model Cybersecurity Contract Language – Expected Late Q2**



## 2020 CWG Strategic Plans & Measures

- Strengthened “culture of leadership” in CWG:
  - EC leadership routinely identifying and recruiting new leaders within membership
- Expanded cross-sector representation of largest subsector stakeholders
- Increased membership and participation of senior executive decision-makers
- Task Group work products distributed and endorsed by relevant national industry associations; adopted by market movers
- Collaborative mechanisms for measuring adoption, implementation and results across relevant subsectors

### Leadership Measures

- Increased demand (exceeding supply) for Chairs/Execcom/TG leadership roles
- Formation of plan for 2020 CEO Council
- Increase “proactive thinking” and organizational in-kind contributions
- Average 50% attendance in TG workstreams
- Two member contributions to website per month
- Increased traffic on webchat platform

### Representation Measures

- Subsector representation each at 85% of market (metric to be defined)
- % of member representative titles at VP or above / % increase of that figure over 2018

### Implementation Measures

- At least the 2 largest associations by membership per subsector distributing/endorsing relevant work products with follow-up monitoring and measuring plan.

# HEALTH SECTOR COORDINATING COUNCIL

## Joint Cybersecurity Working Group

**Greg Garcia**

**Executive Director**

**[Greg.Garcia@HealthSectorCouncil.org](mailto:Greg.Garcia@HealthSectorCouncil.org)**

**Allison Burke**

**Program Operations Lead**

**[Allison.Burke@HealthSectorCouncil.org](mailto:Allison.Burke@HealthSectorCouncil.org)**

**<https://HealthSectorCouncil.org>**