

TACKLING URGENT HEALTH SECURITY RISKS DURING THE COVID-19 PANDEMIC

The COVID-19 pandemic sparked an urgent need to solve massive healthcare supply-chain challenges, create innovative therapies, accelerate vaccines, reimagine public health services, and empower leaders with information to make life-and-death decisions amid high uncertainty.

Responding to the call, MITRE engaged U.S. government leaders to advance rapid federal COVID-19 responses through the multiple [federally funded research and development centers](#) (FFRDCs) that MITRE operates. In parallel, MITRE, in partnership with the Mayo Clinic, convened the [COVID-19 Healthcare Coalition](#) in March 2020 to help healthcare system leaders and public health officials respond to the novel coronavirus.

SUMMARY OF MITRE EFFORTS ACROSS THE PUBLIC AND PRIVATE SECTORS DURING 2020

MONITORING, REPORTING, SUPPLY CHAIN	NATIONAL HEALTH SECURITY STRATEGY	PUBLIC HEALTH SYSTEM MODERNIZATION
<ul style="list-style-type: none"> VHA COVID-19 Procurement and Distribution Process for Emergency Supplies DoD Pandemic Analysis Decision Platform NIH <i>All of Us</i> Participant Survey on Health and Well-Being During the COVID-19 Pandemic DHS NPI Modeling and Impact Awareness Tools Pandemic Analytics Platform (predictive model for policy impacts on infection rates and economic conditions) COVID-19 Decision Support Dashboard COVID-19 PPE Demand Model 	<ul style="list-style-type: none"> ASPR Sustainable Biodefense Industrial Base Business Cases for Priority Health Security Threats ASPR Horizon Scan and Risk Mitigation for 21st Century Health Security Threats ASPR Medical Countermeasures Dispensing in Support of The Last Mile Catalog of Federal Authorities, Contract Vehicles, and Initiatives for COVID-19 Response 	<ul style="list-style-type: none"> CDC Sara Alert—Building an Enduring National Capability to Contain COVID-19 CDC Feasibility of Record Linkage across COVID-19 Surveillance Systems CDC Data Gathering to Inform COVID-19 Testing Information Dashboard Federated Analytics for Near-Real-Time Observational Studies with Multiple EHR Vendors
DATA & INTEROPERABILITY	HEALTH POLICY & ANALYTICS	THERAPEUTICS & CARE-SETTING SUPPORT
<ul style="list-style-type: none"> Army TATRC Rapid-Start COVID-19 Activities, Digital Health Ecosystem HHS Center for Health Innovation Data Analytic Strategy re: Long-Term COVID-19 Impacts Assessing Potential Implications of COVID-19 Response and Recovery Policies on Medicaid IT Systems COVID-19 Standards for Federated Analytics COVID-19 Resource Library of Data Assets 	<ul style="list-style-type: none"> Medicaid COVID-19 Response and Recovery Activities Medicare Price Transparency for COVID-19 Testing Rapid Response Policy Development to Enable Reporting Flexibilities in CMS Quality Programs CMS Office of Minority Health Rural Health Analysis Medicaid and CHIP COVID-19 Vaccine Administration Coverage and Reimbursement Toolkit CMS Program Integrity Strategy and Policy Analysis 	<ul style="list-style-type: none"> Convening of Coronavirus Commission for Safety and Quality in Nursing Homes (CMS) HHS Federal Therapeutic Efforts COVID-19 Convalescent Plasma Donation Platform and Recruitment “The Fight Is In Us” Public Service Campaign for Convalescent Plasma Donation Private-Sector Coalition Studies on Outcomes of Potential COVID-19 Treatments Telehealth Impact Study with Mayo, AMA, Others
VACCINATION	DIAGNOSTICS & TESTING	PUBLIC HEALTH COMMUNICATION
<ul style="list-style-type: none"> ASPR COVID-19 Vaccine Manufacturing Feasibility Assessment NIH Outbreak Emergency Preparedness (Scientific Knowledgebase for High-Risk Viruses Related to Accelerated Vaccine Development) Vaccine Credential Initiative 	<ul style="list-style-type: none"> NIH SEED Program Support to Accelerate Small Business Innovations in COVID-19 Tests NIH All of Us SARS-CoV-2 Serum Antibody Study to Identify Cases from Early 2020 Connecting and Coordinating National Partners to Advance Waste-Based Epidemiology for COVID-19 	<ul style="list-style-type: none"> Social Media Analysis and Response Strategies Related to Dis/misinformation SQUINT Tool for Identifying COVID-19 Misinformation Thought Leadership Series on Testing, Contact Tracing, Telehealth, Supply Chains, Treatments, PPE Patient and Clinician Education on Emerging Therapeutics

MITRE work with: ■ Federal Government ■ Industry

For more information, contact mitrehealth@mitre.org

MITRE's mission-driven teams are dedicated to solving problems for a safer world. Through our public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry to tackle challenges to the safety, stability, and well-being of our nation.

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