CREATING A CLEAR 20/20 ERM VISION TO TAKE ON TOMORROW'S RISKS

Association for Federal Enterprise Risk Management

13th ANNUAL SUMMIT ASSOCIATION FOR FEDERAL Association for Federal Enterprise Risk Management

Risk Sensing & Data Driven Risk Management

Patrick Murphy, Commissioner New York State Division of Homeland Security and Emergency Services

Cynthia Vitters, Deloitte Practice Leader Enterprise Risk Management Government & Public Services

Breakout B-1



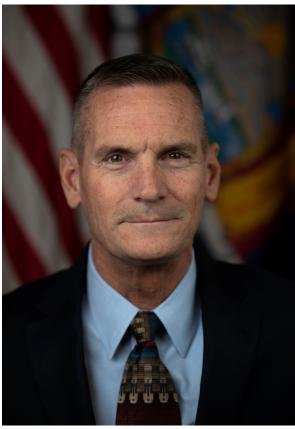
How Risk Sensing & Data-Driven Risk Management supported the COVID-19 pandemic response in New York State



VOL CLUX No. 58,641	a stat hurber had fees herein	NEW YORK, FREDAY, MARCH 27, 2020		13
JOB LOS	SES SOA	R; U.S. VIRUS CA	SES TOP	WORLI
		E 17	New Data Shows Staggering Toll of Outbreak	Nearly 3.3 million stransphyriant costs work fire last work, a record Aurilian
J.E			The problem is the flow Constraint, American Color of Tallay, Nex. Nexe these there and the party flow that the two analysis party is shallow the samely a collective shallow forespace the extern black to safe survival, and the collection of the two safe survival, the col- test of safe survival, the col- port stream of the data color to protown an thereafted, particular source of the fore large transmission.	1.00
	2		connection to if all the connections production, which has shared down which even has a standard be- there there are a standard to the connection of the standard be- transition and the standard be- transition and the standard be- transition and the standard be- transition of the standard be- transition and the standard be- transition and the standard be- transition and the standard be- transition and the standard between the standard between the standard terms, the standard between the standard terms, the standard between the st	2.000
Under Trump,	Ter brakter Stagna Coner to Online Class	Courage at a Brooklyn Hospital.	Theoretics is light or of search 1.0 single part of the sensency part of the sensence is a solution particle and the sensence is a solution part of the sensence of the solution of the sensence of the solution of the sensence of the solution of the sensence of the se	
	With No Way	At the Front of an Invisible War	and haskruptike, thesends of hostnesses have closed in re-	
Hinder Action			spense to the polderic, and many tell server ranges, lingue concernant say the define in	2,062
Lander Action	AN ARTICIC TRACT	Approximation of the second se	grass descette product this year could rive be source poors of the Course Dynamistic. And there was thesh evolutions on Theoreticy of the robustices course of the rives limit. Cours in	



Speakers



Patrick Murphy, Commissioner NYS Division of Homeland Security and Emergency Services Cynthia Vitters, Deloitte Practice Leader ERM Government & Public Services













Draft work product – for internal use only

DHS	ES	Executive Summary Page	Legend Upda	ted from l	last report	Security & Emergency Services
Overview	v		Issues	Today	Significant Developments	
 Globa 	lly, there	 ght, the U.S. death toll surpassed 51,000 (<u>WaPo</u>) are 2.7M confirmed positive cases and 190,418 deaths (<u>NYT</u>) he most coronavirus deaths of any county in the U.S. (<u>NBC</u>) World leaders launch WHO initiative to collaborate on tests, vaccine development, and drug access, but the U.S., India, China, and Russia will not participate (<u>Retuers</u>) After pressure from China, EU softens report on China's 	National	 Number of hospitalizations and people on ventilators to fall in NJ, but Gov. Murphy expresses alarm that is spreading more quickly in some counties where it has slowing down; number of hospitalized patients in the down 17% from 10 days ago (NYT) President Trumps says he will not approve an emerge for the U.S. Postal Service if they do not quadruple is package shipping prices (WaPo) About 1,000 protestors demonstrated against stay-a measures in Madison, Wisconsin on Friday, making is 	the virus is ad been e state is gency loan their at-home	
Global		 pandemic-related disinformation (<u>NYT</u>) In advance of Eid, Indonesia bans all forms of travel though end of May (CNN) 			 largest demonstrations to date (<u>NYT</u>) Gov. Hogan hopes to lift MD stay at home order in N Navy recommends reinstatement of USS Theodore F Commander who raised alarm about coronavirus out ship; Secretary Esper has yet to make a decision on recommendation (<u>WSJ</u>) 	Roosevelt tbreak on





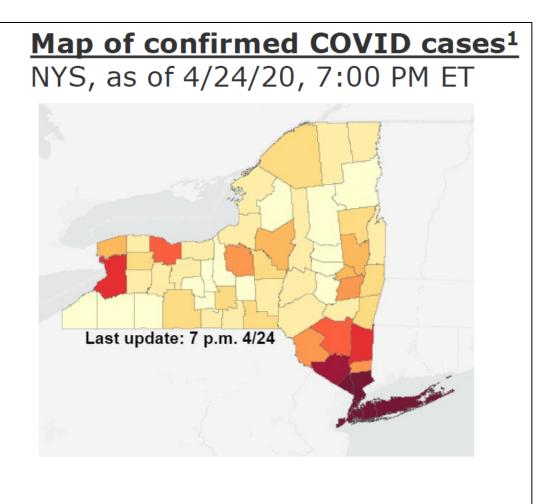
Homeland

Issues Gaining Traction

 Team of researchers from 3 universities say oft-quoted IHME model is flawed and its accuracy has been decreasing (WSJ)

<u>Trending on Twitter</u> <u>Regional</u>

- Lysol
- #COVID-19
- #NFLDraft2020



¹<u>https://www.syracuse.com/coronavirus/2020/03/see-new-york-state-map-of-coronavirus-cases-county-by-county.html</u>





DHSES Rapid Respon	nse Efforts	s and Regional Aggregate View	Security Emergen Services			
	Updated from last report					
Daily priorities and Key Objectives	Level	Issue	Select Coverage			
High Priority Actions	Regional					
 Testing site and field operations: increase testing and walk up sites, efficient allocation of PPE and test kits, antibody tests 	Capital	 Albany County now up to 31 deaths in the battle against COVID-19 Largest anesthesiologist group in Capital Region furloughs staff Rensselaer County triples home meal deliveries 	<u>CBS6</u> <u>Times Union</u> <u>CBS6</u>			
 Logistics for distribution of available PPE, supplies to agencies, hospitals, counties Support to Mortuary Affairs as deaths expand outside of NYC Support to our most vulnerable populations in hospitals and nursing homes Alternate Care Facilities: finish work at the Javits center, determine facilities to support/put 	Central NY	 Twenty-five total COVID-19 related deaths now in Onondaga County Mayor Palmieri and the City of Utica are offering a zero-interest loan to city businesses for the retention of low to moderate-income employees in response to the COVID-19 pandemic Syracuse faces \$30M budget shortfall Utica College announced Friday that it is freezing tuition for the 2020-21 academic year for undergraduate and graduate students on all campuses 	 Spectrum Local Ne Twitter Syracuse.com Utica OD 			
on hold 6. Coordination of patient movement throughout	Finger Lakes	96 dead in Monroe County as confirmed COVID-19 cases reach 1,217	• <u>13WHAM</u>			
 state 7. Coordination Council Stand-Up: operations for patient and resource movement 8. Management of Hand Sanitizer Task Force 	Long Island	 As of Friday, April 24, there have been 32,765 confirmed COVID-19 cases in Nassau, with Suffolk just behind at 31,160 Long Island man is first in nation charged with price-gouging PPE under Defense Production Act 	 <u>Daily Voice</u> <u>Daily Voice</u> 			





DHSES | Highlighted Issues and Discussions (1 of 2)

Issues identified

U.S. states promoting apps that could prove essential to ending the coronavirus lockdown may be headed for a showdown with the two Silicon Valley companies that control key software on 99% of smartphones over the collection of sensitive GPS location data. Apple Inc and Alphabet Inc's Google plan to release technology jointly in the coming weeks for digital contact tracing through Bluetooth sensors on phones. Public health authorities have determined that the technology is crucial to apps that will alert people when they have been close to people who have tested positive for the novel coronavirus. Google and Apple have sought to build public trust by emphasizing that the changes they are making to Bluetooth to allow the tracing apps to work will not tap phones' GPS sensors.

But the states pioneering the apps - North and South Dakota, and Utah - say allowing public health authorities to use GPS in tandem with Bluetooth is key to making the system viable. The Bluetooth technology will enable users to be notified if they crossed paths with a coronavirus carrier, but will not specify where the encounter happened, information crucial to authorities who want to identify hotspots for virus transmission and move fast to stop outbreaks.

Apple and Google said on Friday that they still have not decided how to proceed.

Thomas Oxley, an interventional neurologist at Mount Sinai Beth Israel wasn't even on call the day he received the page to come in. There weren't enough doctors to treat all the emergency stroke patients, and he was needed in the operating room. The patient's chart appeared unremarkable at first glance – no medications or underlying conditions. He had been feeling fine, when suddenly, he had trouble talking and moving the right side of his body. Imaging showed a large blockage on the left side of his head. Oxley gasped when he got to the patient's age and COVID-19 status: 44, positive. The man was among several recent stroke patients in their 30s to 40s who were all infected with the coronavirus. The median age for that type of severe stroke is 74.

Reports of strokes in the young and middle-aged — not just at Mount Sinai, but also in many other hospitals in communities hit hard by the novel coronavirus — are the latest twist in our evolving understanding of its connected disease, COVID-19. The analyses suggest coronavirus

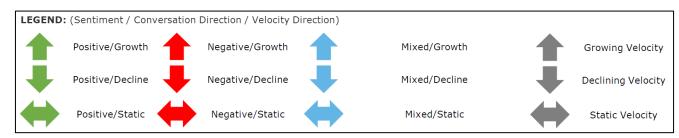




DHSES | Trending Conversations / Issues – as of 4/24/2020, 5:00 PM ET

Security & Emergency Services

#		Insight Summary	Real-Time Activity			Overall Prediction ¹	
	Conversation Topic		Share of Voice²	Velocity ³	Sentiment	24 hr. Potential	72 hr. Potential
1	Hospitalized COVID- 19 patients were already suffering from chronic health issues	 A study published in the Journal of the American Medical Association (JAMA) has gained the attention of news outlets and social media users. News outlets report that the majority of hospitalized COVID-19 patients had at least one chronic health problem. Social media users appear to question the U.S. healthcare system's efficacy with statements such as "easy and equal access to healthcare for all Americans would have helped negate the current crisis." <u>https://www.nytimes.com/2020/04/23/health/coronavirus-patients-risk.html?smid=tw-nytimes&smtyp=cur</u> <u>https://jamanetwork.com/journals/jama/fullarticle/2765184?guestAccessKey=906e474e-0b94-4e0e-8eaa- 606ddf0224f5&utm source=For The Media&utm medium=referral&utm campaign=ftm links&utm content=tfl&utm t erm=042220</u> <u>https://twitter.com/Brandon_Bird/status/1253480097295724544</u> 	~2% of discussion	+	Negative	+	ŧ
2	Impact of UV light and disinfectants on COVID-19	 President Trump's statement regarding the use of disinfectants and UV light to treat COVID-19 has garnered notable media attention. The New York State Department of Health (NYSDOH) responded to Trump's statement by requesting that New Yorkers refrain from ingesting disinfectants or cleaning products. Social media users appear supportive and thankful for the advice and facts provided by the NYSDOH with comments such as "In no way should anyone be ingesting or injecting themselves with disinfectant or cleaning products" and "I hope no one will try this." https://edition.cnn.com/2020/04/24/politics/donald-trump-disinfectant-uv-light/index.html https://twitter.com/HealthNYGov/status/1253670142111858690 https://twitter.com/Marylovesphones/status/1253671130944208897 	~3% of discussion	•	Negative	1	1







DHSES | Trending Conversations / Issues – as of 4/24/2020, 5:00 PM ET

Real-Time Activity Overall Prediction¹ Conversation Topic **Insight Summary** 24 hr. Share of 72 hr. Velocity³ Sentiment Voice² Potential Potential The conversation revolving around the NYC Rent Guidelines Board (RGB) receiving requests for a rent freeze is gaining attention. The RGB met virtually to discuss the possibility of granting this request and has not released any decisions yet, but will further discuss this matter on April 30th. NYC Mayor de Blasio expressed his support of the rent freeze request, explaining that tenants are facing a variety of problems and a rent freeze is required. Social media users primarily expressed agreement with this proposal and voiced opinions such as "Let's do it. FOR the People." Some users "Rent freeze" also suggested, "Start with the banks, suspend mortgage payments, and landlords must then be required to suspend ~1% of proposal for NYC Positive 4 discussion rent" for all types of home owners. residents • https://www.ny1.com/nyc/all-boroughs/news/2020/04/24/rent-guidelines-board-meets-remotely-amid-growing-callsfor-rent-freezehttps://twitter.com/NYCMayor/status/1253500391024705539 • https://twitter.com/aero_kleen/status/1253508273321410561 . https://twitter.com/StevieZBrooklyn/status/1253503756483821574

Security &

Emergency Services

11

