



Pediatric Disaster Coalition (PDC)

(Since 2008 , serving NYC's 2 million children)



Children are not just small adults. They are anatomically, developmentally, and physiologically different from adults in ways that can predispose them to more serious physical and psychological sequelae from disasters. The New York City Pediatric Disaster Coalition (PDC) was established in 2008 with ASPR HPP funding to bring together hospitals, public health, and municipal services to plan for isolated events and large-scale disasters that could result in high pediatric casualties. The PDC continually works to enhance the emergency response capacity of NYC hospitals, agencies and community members on behalf of NYC's 2 million children (22% of NYC population) and their families. In 2009 with FDNY, the PDC began development of the NYC Pediatric Disaster Plan to encompass triage of children from the disaster scene to Pediatric Disaster Ambulance Destinations (PDADs) and tiering of PDADs for optimal care of child patients. The Department of Health and Human Services Office of the Assistant Secretary for Preparedness and Response publically recognizes PDC as a leader in pediatric preparedness.

PDC partners: 28 NYC hospitals, FDNY-EMS, NYC DOHMH, PCEPN/CHCANYS, MRC, GNYHA, NYCEM, REMSCO, Manhattan, Queens and Brooklyn Coalitions and AAP District II Chapters 2 and 3.

NYC Pediatric Disaster Coalition Planning Efforts

	Total Completed	Total Completed in (2020-21)	Total in Units NYC	Percent Covered	Exercises
PICU Surge Capacity (Tier I/Tier II PDADs)	23	N/A	23*	100%	7 FSE 13 Hospital Virtual Comm. 28 Hospital Pediatric Disaster Plan (PDP)
Non-PICU Tier II PDADs	8	N/A	8	100%	28 Hospital PDP
NICU Evacuation and Surge	23	0 (Deferred due to COVID-19)	38*	61% (N=23)	3 FSE
Obstetric Services Evacuation and Surge	18	0 (Deferred due to COVID-19)	38*	47% (N=18)	1 FSE
Primary/Urgi Care	14	5	40 Pediatric FQHC/389 Total Sites 7 Pediatric Specific Urgent Care Hospital and community based outpatient departments (N = TBD)	TBD	
Peds Long Term Care	1+ Pediatric assessment and checklist for all sites	Pandemic annex plan	5	100% (N=1)	

*Information provided by DOHMH via Healthcare Facilities Directory (HFD)

Timeframe & Capabilities	Objectives	Accomplishments
July 08-June 10 Assessment/HVA Planning Training	Build citywide pediatric disaster capacity by developing hospital surge plans, training of hospital staff and initial work on a citywide Pediatric Disaster Plan.	<ul style="list-style-type: none"> Created and hosted a Pediatric Fundamentals of Critical Care Support course (PFCCS) (also throughout 2011-14) Developed hospital guidance for increasing pediatric critical care beds Assisted 5 hospitals in creating PICU Surge Capacity Plans In coordination with FDNY, developed plans for the management of inter-facility transport of pediatric patients in a disaster

July 10-June 12 Assessment/HVA Exercising Planning Training	Build citywide pediatric disaster capacity by testing hospital surge plans, training additional hospital staff, and further developing the citywide Pediatric Disaster Plan.	<ul style="list-style-type: none"> Assisted 3 additional hospitals in creating PICU Surge Capacity Plans Designed and conducted 5 PICU Surge Capacity Full Scale Exercises Provided pediatric disaster expertise to other entities and organizations (e.g. CERT, DOE). In conjunction with FDNY, conducted tabletop exercise of the Pediatric Disaster Plan
July 12-June 14 Assessment/HVA Exercising Planning Training	Build citywide pediatric disaster capacity by continuing to build and test hospital surge plans, hospital evacuation plans, developing labor and delivery surge and evacuation plans, training additional hospital staff, and further developing the NYC Pediatric Disaster Plan.	<ul style="list-style-type: none"> Created NICU Surge Capacity and NICU Evacuation Plan templates Assisted 5 hospitals in creating PICU Surge Capacity Plans, and an additional 5 hospitals in creating NICU Evacuation and Surge Capacity Plans Designed and conducted 2 PICU Surge Capacity and 1 NICU Evacuation Full Scale Exercises Created template plans for Labor and Delivery surge and evacuation Conducted 4 educational presentations for the MRC and CERT, and provided pediatric disaster expertise to additional organizations and entities
July 14-June 15 Exercising Planning Training	Build citywide pediatric disaster capacity by continuing to build and test hospital surge and evacuation plans, and further developing and testing the citywide Pediatric Disaster Plan.	<ul style="list-style-type: none"> Build a Full Scale Exercise Design Toolkit to empower hospitals to design and execute PICU Surge Capacity and NICU Evacuation Full Scale Exercises Assist 1 hospital in creating PICU Surge Capacity Plan and 3 hospitals in creating NICU Evacuation and Surge Capacity Plans Assist 3 hospitals in creating Obstetric Services Evacuation and Surge Capacity Plans Design and conduct one Full Scale Neonatal Intensive Care Unit Evacuation Exercise
July 2015- June 2016	Build citywide pediatric disaster capacity by operationalizing a toolkit to empower hospitals to create, implement, and exercise pediatric specific plan, conducting a virtual pediatric critical care surge exercise with 13 hospitals, building additional hospital NICU and OB plans, and creating and implementing specific resources for planning for pediatric long term care patients and facilities.	<ul style="list-style-type: none"> Successfully piloted the Pediatric Disaster Planning Toolkit at Staten Island University Hospital North (SIUHN). SIUHN used the toolkit for the planning process including Workshop, Tabletop and to plan a successful Full Scale Exercise. Conducted a virtual pediatric critical care surge exercise involving 13 hospitals, volunteers from the Medical Reserves Corps and NYC DOHMH, and the Situational Awareness Tool (SAT Tool) from the NY All Hazards Institute. Worked with two hospitals to create an additional NICU plan and an additional Obstetric Services Plan. Created guidelines and template plans for the evacuation and surge of pediatric long term care facilities, and successfully implemented the template plan at St. Mary's Hospital for Children.
July 2016-June 2017	Build citywide pediatric disaster capacity by creating surge capacity guidelines and template for non-PICU hospitals, assisting remaining Pediatric Intensive Care Unit (PICUs) with creation of pediatric critical care surge capacity (PCCSC) plans and by conducting a virtual pediatric critical care surge exercise with 28 hospitals to test secondary transport utilizing the Pediatric Disaster Plan (PDP) and communications between Fire Department of New York - Emergency Management System (FDNY-EMS), hospitals and the Pediatric Intensivist Response Team (PIRT).	<ul style="list-style-type: none"> Created surge capacity guidelines and plan template for non-PICU hospitals with pediatric departments, and successfully wrote surge capacity plans with 8 NYC hospitals using the guidelines and template. Assisted 6 PICU hospitals in creating Pediatric Critical Care Surge Capacity (PCCSC) plans, bringing the total of PICUs in NYC with pediatric critical care surge capacity plans to 100%. Conducted a virtual pediatric critical care surge exercise to test secondary transport utilizing the PDP and communications between FDNY-EMS and participating hospitals. The exercise involved 28 hospitals, NYC DOHMH, FDY-EMS, PIRT and volunteers from the Medical Reserves Corps. Finalized NICU and PICU content and format for Pediatric Hospital Toolkit.
July 2017 – June 2018	Build citywide pediatric disaster capacity by continuing to implement and test hospital OB and NICU surge and evacuation plans, developing guidelines and template plans for the	<ul style="list-style-type: none"> Assisted 5 hospitals in creating Obstetric Services Evacuation and Surge Capacity Plans. Assisted 5 hospitals in creating NICU Evacuation and Surge Capacity Plans. Designed and conducted one Full Scale OB/Newborn/Neonatal Evacuation Exercise.

	<p>evacuation and surge of pediatric outpatient/urgent care facilities, building outpatient disaster plans at these facilities, conducting a OB/Newborn/Neonatal full-scale exercise, and by developing a pediatric specific supply chain needs assessment survey to identify specific vulnerabilities stemming from lack of specific supply chain resources.</p>	<ul style="list-style-type: none"> Created guidelines and template plans for the evacuation and surge of pediatric outpatient/urgent care facilities. Successfully utilized the template to create pediatric disaster plans at 5 outpatient/urgent facilities. Developed a needs assessment survey distributed to NYC hospitals with pediatric beds. Analyzed the resulting data and compiled a report, which included an analysis at the network system and borough level describing specific vulnerabilities stemming from lack of supply chain specific resources. Updated the PICU and NICU guidelines and template for the toolkit. Formatted and designed the Non-PICU guidelines and template for the toolkit.
<p>July 2018 – June 2019</p>	<p>Build citywide pediatric disaster capacity by continuing to implement hospital OB and NICU surge and evacuation plans, developing a pediatric disaster plan self-use toolkit for pediatric outpatient/urgent care facilities, continuing to build outpatient disaster plans at these facilities, conducting a tabletop exercise with the Pediatric Intensivist Response Team to prioritize patients for secondary transport.</p>	<ul style="list-style-type: none"> Assisted 6 hospitals in creating Obstetric Services Evacuation and Surge Capacity Plans. Assisted 6 hospitals in creating NICU Evacuation and Surge Capacity Plans. Created a pediatric disaster plan self-use toolkit for the evacuation and surge of pediatric outpatient/urgent care facilities. Successfully utilized the toolkit to create pediatric disaster plans at 4 outpatient/urgent facilities. Conducted a tabletop exercise with the Pediatric Intensivist Response Team to prioritize patients for secondary transport. Attended NYCHCC Leadership Council meetings and Emergency Preparedness Symposiums and provided a presentation on topics related to pediatric disaster preparedness.
<p>July 2019 – June 2020</p>	<p>Build citywide pediatric disaster capacity by continuing to implement hospital OB and NICU surge and evacuation plans, developing a Pediatric Clinical Advisory Group and PDC Charter, developing draft Pediatric Surge Annex to the NYCHCC Response Plan, conduct no-notice communications exercises with on-call Pediatric Intensivist Response Team physicians to ensure operational readiness, collaborate with DOHMH to format and design the Pediatric Outpatient and Urgent Care Disaster Plan Self-Use Toolkit module, develop plan for implementation of this module, contribute to citywide Mass Casualty Incident planning and COVID-19 response to ensure unique needs of children are accounted for during coordination and response to an event involving pediatric medical, burn, and trauma patients.</p>	<ul style="list-style-type: none"> Assisted 3 hospitals in creating Obstetric/Newborn Services Evacuation and Surge Capacity Plans. Assisted 3 hospitals in creating NICU Evacuation and Surge Capacity Plans. Formed a Pediatric Clinical Advisory Group and created a PDC Charter. Drafted Pediatric Surge Annex for the NYCHCC Response Plan. Conducted two no-notice communications exercises with on-call Pediatric Intensivist Response Team physicians to ensure operational readiness. Collaborated with DOHMH to format and design the Pediatric Outpatient and Urgent Care Disaster Plan Self-Use Toolkit. Developed citywide implementation guidance with outpatient stakeholders for the Pediatric Outpatient and Urgent Care Disaster Plan Self-Use Toolkit. Developed essential elements of information for secondary transport of pediatric patients who may have medical, burn, and trauma injury. Actively participated in and contributed to NYC MCI planning meetings, NYCEM Health & Medical Emergency Support Function (ESF-8) interagency conference calls for COVID-19 response, and COVID-19 clinical provider calls. Attended NYCHCC Governing Board, Leadership Council meetings, HHC SurgeX Planning and Steering Committee meetings and exercise, Emergency Preparedness Symposiums and provided a presentation on topics related to pediatric disaster preparedness.

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