## **ELEMENT 3 CHECKLIST**

## INFRASTRUCTURE PROTECTION AND RESILIENCE PLANNING

Yes = Action completed Somewhat = Action in progress or incomplete No = No action planned or take		Unknow	wn = Stat	us or action unkn	own	○ N/A = Does not app			
GEN	IERAL			Value			Rank		
		n care facility to continue to provide car e a safe and healthy hospital environme		n part deper	ndent o	n the infrast	ructure	e and syste	m
3.0.1	current and futur	out the vulnerability of your facility's infrastr re climate variability and changing weather p y risk assessments?			Yes	Somewhat	○No	Unknown	○ N/A
3.0.2	infrastructure an	care facility collect best practices and lessor d related systems resilience from other heal eme weather disasters?			Yes	Somewhat	○No	Unknown	○ N/A
3.0.3	infrastructure ad	Is responsible for maintenance of your healt equately trained to manage an extreme wea nples of climate-related hazards, please refer to	ther related emergency or						
	Are front-line	workers engaged in the development of plans	and responses?		Yes	Somewhat	○ No	Unknown	○ N/A
		ce procedures of your health care facilities' sy ications on how weather may affect the safety			Yes	Somewhat	○No	Unknown	○ N/A
3.0.4		care facility invest in infrastructural upgrad ility more resilient to extreme weather or lor nge?			Yes	Somewhat	○No	Unknown	○ N/A
3.0.5		list for each building system that summarize lered when developing policies or capital pro <i>ecklist.</i>							
	For Hospitals,	have you reviewed FEMA-477 for flood and hi	gh wind?		Yes	Somewhat	○ No	Unknown	○ N/A
	<ul> <li>For Residentia Rooms?</li> </ul>	al Healthcare Facilities, have you reviewed FEN	IA-477 and P-361 for Safe		Yes	Somewhat	○No	Unknown	○ N/A
	For ambulator	y facilities, have you reviewed FORTIFIED®?			Yes	Somewhat	○ No	Unknown	○ N/A
3.0.6	Have you comple infrastructure sys	eted a time to failure (96 hour or greater) asses stems?	sment of all major building		Yes	Somewhat	○No	Unknown	○ N/A
STE	P 1: Energy an	d Utility Infrastructure: Power and The	ermal Energy	Value			Rank		
Perfo	rm Step 1 for ea	ach campus or site							
3.1.1	in increased freq Review energy a	may result in more power outages in your co uency and/or duration of power disruptions nd utility infrastructure vulnerabilities and pa I utilities (island operation) that may be require	at your health care facility. arameters of operating						
	refueling? (96	urrent anticipated length of time you can opera hours is the minimum requirement, but some cam, onger period of time.)					○ N/A		
	Is this adequa	te to meet the projections for extreme weathe	r event durations?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you produce	ce electricity on-site through CHP or renewable	e systems?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you have a	ny other source beyond the municipal grid for	normal power provisions?		Yes	Somewhat	○ No	OUnknown	○ N/A
		ation of the campus and weather risks, is your eather disruptions?	refueling supply chain resilient		Yes	Somewhat	○No	Unknown	○ N/A
	<ul> <li>Are all critical outages?</li> </ul>	facilities equally equipped to operate without	grid power for extended		Yes	Somewhat	○No	Unknown	○ N/A
	• If not, are ther	e plans in place to address identified shortfalls	s and vulnerabilities?		Yes	Somewhat	○ No	Ounknown	○ N/A
3.1.2		of energy and utility infrastructure relative	to extreme weather hazards.						
		connections above 500-year flood elevation?			Yes	Somewhat	○ No	OUnknown	○ N/A
		ucture located in buildings that can withstand			Yes	Somewhat	○ No	Unknown	○ N/A
	Is all major en	ergy and utility infrastructure located above 5	00-year flood elevations?		Yes	Somewhat	○ No	OUnknown	○ N/A

Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taker	n OUnknown	ı = Statı	us or action unkn	own	○ N/A = Does	s not apply
		or energy and utility infrastructure elements lo lood-proof enclosures?	cated below flood elevations	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Is roof mounte impact damage	ed energy and utility infrastructure secured for pe?	high wind and protected from	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Are emergence	y generators located above design flood elevat	ions?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Are emergend	cy generators safe from impact damage during	high wind events?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Based on your locations	r answers above, rank the resilience of your en	nergy and utility infrastructure	3 (Exemplary)	<b>O</b> 2	(Functional) 1	1 (Margina	) 0 (None)	○ N/A
3.1.3		ted emergency involving a power outage at y back-up power sources available to supply							
	<ul> <li>What percentage</li> </ul>	age of your base electrical demand is covered	by emergency generators?				○ N/A		
	Do you have r	edundancy $(N+1)$ for all emergency generators	?	(	Yes	Somewhat	○No	Unknown	○ N/A
		ergency generator fuel capacity allow for the puestion 3.1.1?	rojected hours of operation	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Does the eme	rgency generator have a dedicated fuel source	?	(	Yes	Somewhat	○No	Unknown	○ N/A
	Do you have e	external connections for portable emergency ge	enerators?	(	Yes	Somewhat	○ No	Unknown	○ N/A
	<ul> <li>Is food refrige</li> </ul>	ration equipment on emergency power?			Yes	Somewhat	○No	OUnknown	○ N/A
	In a climate re continue function	elated emergency, assess the capability of your tioning.	back up power sources to	3 (Exemplary)	<b>O</b> 2	(Functional) 1	1 (Margina	) 0 (None)	○ N/A
3.1.4	In extreme event items related to t	s, thermal <i>(heating)</i> energy systems may be t thermal systems.	axed. Review the following						
		ewed the duration of island operation that may ne weather events? Enter value here	be required for the thermal				○ N/A		
	How many ho	urs of steam production are possible with fuel	reserves?				○ N/A		
	Are your thern	nal plant fuel source(s) subject to delivery disr	uptions?	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Is your heating	ng system electric (ground source heat pumps or e	electric baseboard)?	(	Yes	Somewhat	○No	Unknown	○ N/A
	If the answer	above is "yes", is it on the emergency power s	ystem?	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Are boilers du	al-fueled?		(	Yes	Somewhat	○ No	Unknown	○ N/A
	Are fuel reserve	ves adequate for the anticipated hours of opera	ation without refueling?	(	Yes	Somewhat	○ No	Unknown	○ N/A
	Are steam ste	rilizers fed by oil or natural gas?		(	Yes	Somewhat	○ No	Unknown	○ N/A
	Are domestic	hot water systems electric?		(	Yes	Somewhat	○ No	Unknown	○ N/A
	If the answer	above is "yes", is domestic hot water on the e	mergency power system?	(	Yes	Somewhat	○ No	Unknown	○ N/A
	In a climate re continue function	elated emergency, assess the capability of your tioning.	heating energy system to	3 (Exemplary)	<b>O</b> 2	(Functional) 01	1 (Margina	) 0 (None)	○ N/A
3.1.5	In extreme event items related to t	s, thermal <i>(cooling)</i> energy systems may be ta thermal systems:	axed. Review the following						
	What is the th extreme weat	e duration of "island operation" that may be re her events?	quired for the thermal plant in				○ N/A		
	What percentage	age of the cooling load is on emergency power	?						
	Is your cooling	g plant capable of operating when grid power i	s lost?		Yes	Somewhat	○ No	Unknown	○ N/A
	Have you revie	ewed anticipated design temperatures for futu	re plant upgrades?	(	Yes	Somewhat	○ No	Unknown	○ N/A
3.1.6	In a climate relat functioning.	ed emergency, assess the capability of your	cooling systems to continue	3 (Exemplary)	<u></u>	(Functional) 1	1 (Margina	) 0 (None)	○ N/A
	P 2: Energy C			Value			Rank		
Perfo		ach campus or site							
3.2.1	health risks (throu	r initiatives contribute to resiliency by reduci ugh greenhouse gas emission reductions) and redu be better prepared when power supply is disrupted).					○ N/A		
	Does your hea	alth care facility have an energy conservation p	rogram?		Yes	Somewhat	○ No	Unknown	○ N/A
	Have you audi equivalent pro	ited and benchmarked energy use in your facil ograms?	ty through EnergyStar or	(	Yes	Somewhat	○ No	Unknown	○ N/A
		energy or greenhouse gas reduction targets?			Yes	Somewhat	○ No	Unknown	○ N/A
		or or track energy use?		(	Yes	Somewhat		Unknown	○ N/A

Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknow	Unknown = Status or action unknown N/A = Does				not apply
	Do you evalua reductions?	te energy reduction strategies, monitor cost sa	vings, greenhouse gas		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you educate     awareness came	e staff, patients and visitors about energy redupaigns)?	uction strategies (energy		Yes	Somewhat	○ No	Unknown	○ N/A
3.2.2	Have you engage	d in any of the following energy conservatio	n measures?						
	<ul> <li>Central plant of</li> </ul>	or mechanical equipment upgrades?			$\bigcirc \text{Yes}$	Somewhat	○ No	Olnknown	○ N/A
	<ul> <li>Low-energy light</li> </ul>	ghting, such as T-5 or LED?			$\bigcirc \text{Yes}$	○ Somewhat	○ No	OUnknown	○ N/A
	<ul> <li>Install lighting</li> </ul>	control systems to minimize energy consump	tion?		◯Yes	Somewhat	○ No	OUnknown	○ N/A
	Install energy	efficient equipment?			Yes	Somewhat	○ No	Unknown	○ N/A
3.2.3		or system investigated the possibility of dive ble energy sources for your buildings or can							
	Solar (photovol	taic or thermal)			○Yes	Somewhat	○ No	OUnknown	○ N/A
	<ul><li>Wind</li></ul>				$\bigcirc \text{Yes}$	Somewhat	○ No	Olnknown	○ N/A
	Methane (from	landfill or industrial/agricultural sources)			$\bigcirc \text{Yes}$	Somewhat	○ No	Olnknown	○ N/A
	<ul> <li>Biomass</li> </ul>				$\bigcirc \text{Yes}$	○ Somewhat	○ No	OUnknown	○ N/A
3.2.4	units will need to ru climate variability	could have cost implications for your health in at higher intensities and for longer periods of times, increasing utility or energy costs could affer future plans, strategies and programs (e.g. w.	a) Do you consider how future ct costs to run equipment		Yes	Somewhat	○No	Unknown	○ N/A
3.2.5	Based on your re	sponses to Step 2 above, assess your energ	y conservation program.	3 (Exemplary	) ()2	(Functional)	1 (Margina	I) 0 (None)	○ N/A
			, ,			, , ,		, , ,	
STE	P 3: Water Su	pply		Value			Rank		
		ach campus or site							
3.3.1	Climate change r	nay cause more water restrictions or contan sufficient plans for water resources in the e							
	Are there two	independent water sources to the facility?			Yes	Somewhat	○ No	Unknown	○ N/A
	Is there a fund	tioning well on your site?			Yes	Somewhat	○ No	Unknown	○ N/A
	If yes, is it ade	quate to supply the facility?			Yes	Somewhat	○ No	Unknown	○ N/A
	Is the water so	ource potable without treatment?			Yes	Somewhat	○ No	Unknown	○ N/A
	If treatment is	required, is there a sufficient supply?			Yes	Somewhat	○ No	Unknown	○ N/A
	Is there a surfain an emerger	ace water source; ie, pond, lake, etc that can locy?	provide process water needs		Yes	Somewhat	○ No	OUnknown	○ N/A
3.3.2		nay cause more water restrictions in your co protocols to secure back-up supplies of wa cy?							
	How much on-	-site emergency water storage do you have (ga	allons)?				○ N/A		
	<ul> <li>What duration</li> </ul>	of operation can this storage provide (hours)?					○ N/A		
	Do you rely on	bottled drinking water for emergencies?			Yes	Somewhat	○ No	Unknown	○ N/A
	If so, how much	ch do you store and for what duration?					○ N/A		
3.3.3	Based on your re	sponse abovle, rank your overall water supp	ly resilience.	3 (Exemplary	) 02	(Functional)	1 (Margina	l) 0 (None)	○ N/A
STE	P 4: Water Us	age		Value			Rank		
		ach campus or site							
	•	n systems may be impacted by climate relat	ed events. Assess water						
	<u> </u>	ter piping below frost lines?			Yes	Somewhat	○ No	Unknown	○ N/A
		vater piping protected by insulation and routed	I through heated spaces?		Yes	Somewhat	○ No	Unknown	○ N/A
3.4.2	Water usage trac	king and benchmarking can help you unders ank your awareness of water usage and cos	stand needs and		<u> </u>				
	Have you audi	ted and benchmarked your water usage (gal/da	ay)?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you track of	r monitor water use for performance measure	s?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you monito	r cost savings of water use reduction strategie	es?		Yes	Somewhat	○ No	Unknown	○ N/A

◯Yes	= Action completed Somewhat = Action in progress or incomplete No = No action planner	d or taken Unk	nown = Stat	us or action unkn	own	○ N/A = Does	not apply
	<ul> <li>Do you have a campaign to increase awareness about water conservation/use in the facility among staff, visitors and patients?</li> </ul>		Yes	Somewhat	○ No	Unknown	○ N/A
3.4.3	A water conservation program could include a variety of initiatives. Has your health facility adopted any of the following water conservation related strategies?	care					
	<ul><li>Low flow showers and faucets?</li></ul>		○Yes	○ Somewhat	○ No	OUnknown	○ N/A
	Low flow toilets?		○Yes	Somewhat	○ No	Olnknown	○ N/A
	Water efficient landscaping practices (drip or no irrigation systems)?		○Yes	Somewhat	○ No	OUnknown	○ N/A
	Water efficient laundry equipment?		○Yes	Somewhat	○No	OUnknown	○ N/A
	Food service equipment?		Yes	Somewhat	○ No	Unknown	○ N/A
	Sterilization equipment?		Yes	Somewhat	○ No	Unknown	○ N/A
3.4.4	Based on your responses above, rank your water usage patterns and opportunities f improvement.	or 3 (Exemp	lary) 🔾 2	(Functional)	1 (Margina	) 0 (None)	○ N/A
STE	P 5: Sewage and Wastewater	Value			Rank		
Perfo	orm Step 5 for each campus or site						
3.5.1	backflow prevention systems for all critical buildings or campuses.		_				
	<ul> <li>Do buildings have check valves or equivalent backflow prevention devices installed of main sewer discharge line to prevent sewage from flowing back into the building duri major flood event?</li> </ul>		Yes	Somewhat	○No	Unknown	○ N/A
	<ul> <li>Are all floor drains below flood elevation outfitted with drain plugs?</li> </ul>		Yes	Somewhat	○ No	OUnknown	○ N/A
	<ul> <li>Do you have any provisions for storing sewage in the event municipal systems are di or lost?</li> </ul>	sabled	Yes	Somewhat	○ No	Unknown	○ N/A
3.5.2	Based on your responses above, rank your sewage and wastewater infrastructure resilience.	◯ 3 (Exemp	lary) 🔾 2	(Functional)	1 (Margina	) 0 (None)	○ N/A
STE	P 6: Communications Infrastructure	Value			Rank		
	EP 6: Communications Infrastructure orm Step 6 for each campus or site.	Value			Rank		
Perfo					Rank		
Perfo	orm Step 6 for each campus or site.  Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we		Yes	Somewhat	Rank	Unknown	○ N/A
Perfo	orm Step 6 for each campus or site.  Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?		○ Yes	Somewhat Somewhat		○ Unknown	
Perfo	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  • Landline telephone systems		Yes		○ No ○ No	Unknown	○ N/A
Perfo	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems			Somewhat Somewhat	○No		○ N/A
9.6.1	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems		○ Yes	Somewhat	○ No ○ No ○ No	Unknown Unknown	○ N/A
3.6.1 3.6.2	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with	eather	○ Yes ○ Yes	Somewhat Somewhat Somewhat	○ No ○ No ○ No ○ No	Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when the	eather  el" raffic	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers	eather  el" raffic	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers	eather  el" raffic	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.2 3.6.3 3.6.4	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.	eather  el" raffic to the	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3 3.6.4 STE	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.	eather  el" raffic  to the  Value	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3 3.6.4 STE	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.  EP 7: Medical Information Infrastructure  Form Step 7 for the campus or site.  Healthcare facilities require Medical Information Systems (MIS) to remain available if order to continue to deliver patient care. Does your facility or system have the follows.	eather  el" raffic  to the  Value	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3 3.6.4 STE	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.  Pr. Medical Information Infrastructure  Form Step 7 for the campus or site.  Healthcare facilities require Medical Information Systems (MIS) to remain available i order to continue to deliver patient care. Does your facility or system have the follow systems in place?	eather  el" raffic  to the  Value	Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No Ro Rank	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
3.6.1 3.6.2 3.6.3 3.6.4 STE	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  • Landline telephone systems  • Mobile phone systems  • Radio systems  • Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.  EP 7: Medical Information Infrastructure  Form Step 7 for the campus or site.  Healthcare facilities require Medical Information Systems (MIS) to remain available if order to continue to deliver patient care. Does your facility or system have the follow systems in place?  • Electronic Medical Records	eather  el" raffic  to the  Value	Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
3.6.2 3.6.3 3.6.4 STE Perfo 3.7.1	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  • Landline telephone systems  • Mobile phone systems  • Radio systems  • Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.  EP 7: Medical Information Infrastructure  form Step 7 for the campus or site.  Healthcare facilities require Medical Information Systems (MIS) to remain available if order to continue to deliver patient care. Does your facility or system have the follow systems in place?  • Electronic Medical Records  • Paper record storage in appropriate location (above flood level or in safe rooms)	el" raffic to the 3 (Exemp	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
3.6.2 3.6.3 3.6.4 STE Perfo 3.7.1	Climate related eventes can disrupt power and communication systems. Does your facility or campus have multiple communication systems in the event of extreme we emergencies?  Landline telephone systems  Mobile phone systems  Radio systems  Other (please specify):  Is your healthcare facility part of a regional network of healthcare facilities with coordinated communication systems and protocols?  Does your facility or healthcare system have a system to provide "essential personn credentials to all required staff during or following extreme weather events, when to may be restricted and gasoline rationed?  Rank your communication and information system resilience based on the answers questions above.  P7: Medical Information Infrastructure  Form Step 7 for the campus or site.  Healthcare facilities require Medical Information Systems (MIS) to remain available if order to continue to deliver patient care. Does your facility or system have the follow systems in place?  Electronic Medical Records  Paper record storage in appropriate location (above flood level or in safe rooms)  Off-site data center(s)  Does your facility or campus have medical information systems that will operate in the same companies of the storage in the safe rooms.	el" raffic to the 3 (Exemp	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A

○Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknow	vn = Stat	us or action unkn	own	○ N/A = Does	not apply
	Is there a bac	kup telecommunications system if the telepho	ne infrastructure fails?		Yes	Somewhat	○ No	Unknown	○ N/A
Is there a municipal or regional backup telecommunications system?					Yes	Somewhat	○ No	Unknown	○ N/A
3.7.3	Inventory record	storage systems and locations and assess t	heir safety.						
	Are medical r	ecords safe from flooding?			Yes	Somewhat	○No	OUnknown	○ N/A
	Are building in	nfrastructure record documents safe from flood	ding?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Are all building	g infrastructure records digitized?			Yes	Somewhat	○ No	Unknown	○ N/A
3.7.4	Rank your Medicabove.	cal Information System resilience based on th	ne answers to the questions	3 (Exemplar)	) 02	(Functional) 1	1 (Marginal)	0 (None)	○ N/A
SUN	IMARY			Value			Rank		
Base	d on your respo	nses above, develop a list of action iter	ns to address Infrastructure	Protection	and Re	esilience Pla	nning i	ssues ident	ified.
3.8.1	,	nined key infrastructure resilience improvem npus from this checklist?	ent strategies for each		Yes	Somewhat	○ No	Unknown	○ N/A
3.8.2		ed priority strategies for this Element across of Prefer to the Getting Started section of the Clima V.			Yes	Somewhat	○No	OUnknown	○ N/A