ELEMENT 1 CHECKLIST

CLIMATE RISKS AND COMMUNITY VULNERABILITIES ASSESSMENT

Yes	= Action completed Somewhat = Action in progress or incomplete No = No action planned or taken	n OUnkno	wn = Stat	us or action unkn	iown	○ N/A = Does	not apply
GEN	ieral (1997)	Value			Rank		
1.0.1	Does your health care facility receive notifications of weather warnings, alerts, and advisories for the following hazard conditions?:						
	Extreme heat		Yes	Somewhat	○ No	OUnknown	○ N/A
	Extreme cold		Yes	Somewhat	○ No	Unknown	○ N/A
	Extreme weather - freezing rain, blizzard, ice storm, hail, snow		Yes	Somewhat	○No	OUnknown	○ N/A
	Drought		Yes	Somewhat	○ No	Olnknown	○ N/A
	Wildfire		Yes	Somewhat	○ No	Olnknown	○ N/A
	Tornado		Yes	Somewhat	○ No	OUnknown	○ N/A
	Flash Floods and/or Coastal Floods		Yes	Somewhat	○ No	Olnknown	○ N/A
	Hurricanes or Severe storms		Yes	Somewhat	○ No	OUnknown	○ N/A
	Avalanche or landslides		Yes	Somewhat	○ No	OUnknown	○ N/A
	Poor air quality and smog		Yes	Somewhat	○ No	Unknown	○ N/A
	Water-borne contamination and/or diseases		Yes	Somewhat	○ No	Unknown	○ N/A
	Vector-borne diseases		Yes	Somewhat	○ No	Unknown	○ N/A
STE	P 1: Understand Climate Risks	Value			Rank		
and g	nate vulnerability assessment" is the analysis of the expected impacts, risks and ac gradual effects of climate change. A vulnerability assessment is more than simple her events resulting from climate change includes an assessment of the ability to a	measureme.					
1.1.1	Is local or regional government conducting climate risk and vulnerability assessments for the healthcare sector?		Yes	Somewhat	○ No	Unknown	○ N/A
	If "yes", are these assessments regularly updated with emerging data and climate science?		Yes	Somewhat	○ No	Unknown	○ N/A
1.1.2	Does local government communicate to your organization and the community information on local extreme weather hazard trends, including likely hazard impacts?		Yes	Somewhat	○ No	Unknown	○ N/A
1.1.3	Does your organization have partnerships with universities or other climate and health-focused organizations to inform your understanding of climate and health risks?		Yes	Somewhat	○No	OUnknown	○ N/A
1.1.4	Does disaster risk assessment inform local development policies? (Are local and municipal government authorities acting on climate change information in formulating development policies?)		Yes	Somewhat	○ No	Unknown	○ N/A
1.1.5	If the answers above are "no", has your organization conducted an independent climate risk assessment?		Yes	Somewhat	○No	Unknown	○ N/A
	• If the answer is 'yes', does your organization utilize the resultant information as a basis of planning?		Yes	Somewhat	○No	OUnknown	○ N/A
1.1.6	Based on your response to the questions above, rank your level of climate risk understanding.	3 (Exemplar	y) O2	(Functional)	1 (Marginal)	0 (None)	○ N/A
STE	P 2: Assess Community Preparedness and Vulnerabilities	Value			Rank		
may vulne	cilient health care facility is dependent in part on the climate resiliency of the broad create risks in your community that can affect your health care facility. The commo crability factors (e.g. institutional, demographic, socio-economic) may increase fur campus or unique facility location.	unity may ha	ve limi	ted capacity	to cop	e and certa	ain
1.2.1	Are local government organizations equipped with knowledge, experience and resources to manage disaster risk reduction and climate change adaptation at a community or neighborhood level?		Yes	Somewhat	○No	Unknown	○ N/A
1.2.2	Are there existing partnerships between the community, healthcare organization and local authorities to reduce climate vulnerability in the surrounding communities?		Yes	Somewhat	○No	Unknown	○ N/A
1.2.3	Does the local government support vulnerable local populations <i>(particularly elderly, children)</i> to actively participate in risk reduction decision making, policy making, planning and implementation?		Yes	Somewhat	○No	Unknown	○ N/A

◯Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknown	n = Stat	us or action unkn	own (N/A = Does	not apply
1.2.4		are organization have an understanding of ratures, flooding and other extreme weathe			Yes	Somewhat	○ No	Unknown	○ N/A
1.2.5		r health care facility regularly participate or ees (e.g. when emergency management or comm			Yes	Somewhat	○No	Ounknown	○ N/A
1.2.6	information about	risk assessments, does your health care fa risks in the community (e.g. vulnerability of in opulation) from knowledgeable community p	frastructure, critical resources,		Yes	Somewhat	○No	OUnknown	○ N/A
1.2.7	Does your healtho	are organization participate in community ommunity in reducing climate risk and vulne	educational programs to erabiities?		Yes	Somewhat	○ No	OUnknown	○ N/A
1.2.8		system engaged in community health prog of particular climate risks <i>(for example, home</i> heat waves)			Yes	Somewhat	○ No	OUnknown	○ N/A
1.2.9		sponse to the questions above, rank your le climate change impacts	vel of community	3 (Exemplary)	<u></u>	(Functional) 1	(Marginal)	O (None)	○ N/A
	<u> </u>								
		Climate Risk and Vulnerability Analys		Value			Rank		
-		pleted for each campus or unique fact tion reviewed, evaluated and cataloged ext	•						
	healthcare deliver	y location?			Yes	Somewhat	○ No	Unknown	○ N/A
	future climate var	climate risks, is uncertainty around changir iability, considered?	ig weather patterns, including		Yes	Somewhat	○ No	Unknown	○ N/A
1.3.3		d future climate impacts to 2050 or 2080?		(Yes	Somewhat	○ No	Unknown	○ N/A
1.3.4		organization consider how indirect climate I price increases) may affect future vulnerabili			Yes	Somewhat	○ No	Unknown	○ N/A
1.3.5	Does your organiz	ation prepare and regularly update a Hazar	d Vulnerability Analysis?		Yes	Somewhat	○ No	Unknown	○ N/A
1.3.6		Vulnerability Analysis include consideration both your buildings and infrastructure?	of the impacts of extreme	(Yes	Somewhat	○No	OUnknown	○ N/A
1.3.7	Have you complet facility/campus:	ed the following components of a Climate I	Risk Assessment for each	(Yes	Somewhat	○ No	Unknown	○ N/A
	Do you maintai campus(es), cit	n a database of extreme weather losses from y or region?	past events on your	(Yes	Somewhat	○ No	Unknown	○ N/A
	Have you mapp campuses (toda	ped the intensity and probability of extreme w ay, 2050, 2080)?	eather events across all your	(Yes	Somewhat	○ No	OUnknown	○ N/A
	Have you ident See Section 1.2	ified the vulnerabilities and hazard exposures <i>above</i> .	your community may face?	(Yes	Somewhat	○ No	OUnknown	○ N/A
		mined the degree of vulnerability and exposu by face? See Elements 2 and 3 for guidance.	re to the hazard your campus	(Yes	Somewhat	○ No	Unknown	○ N/A
		ssed the impact of community vulnerabilities ds the community may expect a medical facili		(Yes	Somewhat	○No	OUnknown	○ N/A
		ified the capacities and resources available wor community to provide redundancy? <i>See Ele</i>			Yes	Somewhat	○No	Unknown	○ N/A
		mined the potential to mitigate extreme weat ptations? See Element 5 for guidance.	her impacts through enhanced		Yes	Somewhat	○ No	Unknown	○ N/A
1.3.8		esponses to questions above, rank the state rsis for the campus or facility?	of climate risk and	3 (Exemplary)	<u></u>	(Functional) 01	(Marginal)	O (None)	○ N/A
	· · · · · · · · · · · · · · · · · · ·	System-wide Climate Risk and Vulne		Value			Rank		
1.4.1	hazard vulnerabili	part of a larger health system, does the systy planning process that considers strategical following extreme weather events							
	Within each car	mpus?			Yes	Somewhat	○No	Unknown	○ N/A
	Within the system				Yes	Somewhat	○ No	Olnknown	○ N/A
	• Within a larger	regional delivery system?			Yes	Somewhat	○ No	Olnknown	○ N/A

○Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknow	n = Statı	us or action unkn	own (N/A = Does	not apply
1.4.2	-	onal assessments of climate-related hazard ery 5 years. How often are risk assessments sited and updated)?							
	• Every year				Yes	Somewhat	○ No	Unknown	○ N/A
	• 2-5 years				Yes	Somewhat	○ No	OUnknown	○ N/A
	• 6-10 years				○Yes	Somewhat	○ No	OUnknown	○ N/A
	• Never				Yes	Somewhat	○ No	Unknown	○ N/A
1.4.3	•	esponses to questions above, rank the state vsis for your system?	of climate risk and	3 (Exemplary,) 02((Functional) 1	(Marginal)	O (None)	○ N/A
SUN	MARY			Value			Rank		
Base	d on your respon	nses above, develop a list of action iten	ns to address Clinical Care	Service Deli	very is	sues identifi	ed.		
1.5.1		ned climate risks for each building and cam ssments and/or this checklist?	ipus based on hazard		Yes	Somewhat	○No	Unknown	○ N/A
1.5.2	Have you determine	ned climate vulnerabilities and risks for the	system as a whole?		◯Yes	Somewhat	○ No	OUnknown	○ N/A
1.5.3	,	I priority strategies for this Element across a Refer to the Getting Started section of the Clima			Yes	Somewhat	○No	Unknown	○ N/A

ELEMENT 2 CHECKLIST

LAND USE, BUILDING DESIGN AND REGULATORY CONTEXT

○Yes	= Action completed	action completed Somewhat = Action in progress or incomplete No = No action planned or taken Unknown = Status or action unknown					○ N/A = Does	not apply	
GEN	IERAL			Value			Rank		
2.0.1		hysical parameters of each site or camp noted below are subjected to higher level							
	Is the site loca	ted on low-lying barrier island and/or coas	tal regions?		Yes	Somewhat	○No	Unknown	○ N/A
		ted on or near 100-year or 500-year flood			Yes	Somewhat	○ No	OUnknown	○ N/A
	Is the site loca	ted in close proximity to major levees or da	ıms?		Yes	Somewhat	○ No	Unknown	○ N/A
		ted in close proximity to steep slopes subje			Yes	Somewhat	○ No	Unknown	○ N/A
		close proximity to an area subject to fire ri			Yes	Somewhat	○ No	Unknown	○ N/A
	comprehensiv	ed 'yes' or 'somewhat' to the questions abo e hazard mitigation plans (HMPs) for affect	ed sites?		Yes	Somewhat	○ No	Unknown	○ N/A
	adaptation for	pating in local community and/or regional these hazards?			Yes	Somewhat	○ No	Unknown	○ N/A
and v	vill continue to b	health facilities have been impacted be impacted by climate-related hazal r by sharing lessons learned and bes	ds. Health care facilities can						
2.0.2	envelop and heal	care facility collect best practices and le thcare campus resilience from other hea eme weather disasters?			Yes	Somewhat	○No	Unknown	○ N/A
2.0.3	envelopes adequa	s responsible for maintenance of your he ately trained to manage an extreme weat ples of climate-related hazards, please refer	her related emergency or						
	Are front-line \(\)	workers engaged in the development of pla	ns and responses?		Yes	Somewhat	○ No	Unknown	○ N/A
		ilding maintenance procedures include spe ty and continued functioning of your facility			Yes	Somewhat	○ No	OUnknown	○ N/A
		d Land Use, Siting and Landscape		Value			Rank		
Perfo	orm Step 1 for ea	ach campus or site		Value			Rank		
	orm Step 1 for ea Inventory stormw	ach campus or site rater management infrastructure		Value			Rank		
Perfo	Inventory stormw Is the capacity 100-year storm	ach campus or site rater management infrastructure of existing stormwater management syste n events today?	m adequate for anticipated 50- or	Value	Yes	Somewhat	○No		○ N/A
Perfo 2.1.1	Inventory stormw Inventory stormw Inventory stormw Inventory stormw Visit the capacity Output Will the system	ach campus or site vater management infrastructure of existing stormwater management system events today? n be adequate in 2030/2050/2080??	m adequate for anticipated 50- or	Value	○ Yes	Somewhat		○ Unknown	○ N/A
Perfo	Inventory stormw Inventory stormw Inventory stormw Inventory storm Will the system Inventory heat-is	ach campus or site vater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080??		Value	Yes	Somewhat	○ No	Unknown	○ N/A
Perfo 2.1.1	Inventory stormw Is the capacity 100-year storm Will the systen Inventory heat-is Have you insta	ach campus or site rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Idend contributors Illed reflective white roofs on buildings to reflective white roofs.	educe heat island impacts?	Value	○ Yes	Somewhat Somewhat	○ No ○ No	○ Unknown	○ N/A
Perfo 2.1.1	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Iland contributors Illed reflective white roofs on buildings to reigh-albedo, light colored paving on parking	educe heat island impacts? areas and walkways?	Value	○ Yes ○ Yes	Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
Perfo 2.1.1 2.1.2	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta	ach campus or site rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Island contributors Illed reflective white roofs on buildings to reigh-albedo, light colored paving on parking	educe heat island impacts? areas and walkways?	Value	○ Yes	Somewhat Somewhat	No No No No No	○ Unknown	○ N/A
Perfo 2.1.1	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing tree	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Illand contributors Illed reflective white roofs on buildings to religh-albedo, light colored paving on parking Illed green roofs to mitigate heat-island impaterial and landscape vulnerabilities ees and plants resilient to climate change e	educe heat island impacts? areas and walkways? pacts?	Value	○ Yes ○ Yes	Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
Perfo 2.1.1 2.1.2	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing treems and pes	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Iland contributors Illed reflective white roofs on buildings to religh-albedo, light colored paving on parking Illed green roofs to mitigate heat-island impaterial and landscape vulnerabilities eas and plants resilient to climate change of tridisease risks?	educe heat island impacts? areas and walkways? pacts?	Value	Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	No No No No No No	Unknown Unknown Unknown Unknown	N/A N/A N/A N/A
Perfo 2.1.1 2.1.2	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing tre terms and pes Are they droug	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Ideal contributors Illed reflective white roofs on buildings to register a proof of the pro	educe heat island impacts? areas and walkways? pacts?	Value	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	 No No No No No No No No 	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
2.1.2 2.1.3	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-isl Have you insta Do you have h Have you insta Inventory plant m Are existing traterms and pes Are they droug In coastal area	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Illand contributors Illed reflective white roofs on buildings to religh-albedo, light colored paving on parking Illed green roofs to mitigate heat-island impaterial and landscape vulnerabilities ees and plants resilient to climate change of t/disease risks? In the tolerant? It is, are they salt-tolerant to storm surge?	educe heat island impacts? areas and walkways? bacts? Iffects, both in general climate		 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	N/A N/A N/A N/A
Perfo 2.1.1 2.1.2	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-isl Have you insta Do you have h Have you insta Inventory plant m Are existing traterms and pes Are they droug In coastal area	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Ideal contributors Illed reflective white roofs on buildings to register a proof of the pro	educe heat island impacts? areas and walkways? bacts? Iffects, both in general climate		 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
2.1.2 2.1.3 2.1.4	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing tre terms and pes Are they droug In coastal area Based on answellandscape	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Ideal contributors Ideal reflective white roofs on buildings to relighabedo, light colored paving on parking alled green roofs to mitigate heat-island impaterial and landscape vulnerabilities sees and plants resilient to climate change of the tolerant? In the tolerant? In the colored paving on parking alterial and landscape vulnerabilities sees and plants resilient to climate change of the tolerant? In the tolerant to storm surge? In the tolerant to the above, rank the resilience of the statement of the property of the statement of the state	educe heat island impacts? areas and walkways? bacts? Iffects, both in general climate	3 (Exemplar	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.1.2 2.1.3 2.1.4 STE	Inventory stormw Is the capacity 100-year storm Will the systen Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing treems and pes Are they droug In coastal area Based on answelandscape	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Iland contributors Illed reflective white roofs on buildings to religh-albedo, light colored paving on parking Illed green roofs to mitigate heat-island impaterial and landscape vulnerabilities eles and plants resilient to climate change of tridisease risks? Introduction to the above, rank the resilience of the action and Site Access	educe heat island impacts? areas and walkways? bacts? Iffects, both in general climate		 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.1.2 2.1.3 2.1.4 STE	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Do you have h Have you insta Do you have h Have you insta Inventory plant m Are existing truerms and pes Are they droug In coastal area Based on answellandscape P 2: Transport	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Idand contributors Idled reflective white roofs on buildings to raigh-albedo, light colored paving on parking alled green roofs to mitigate heat-island impaterial and landscape vulnerabilities ees and plants resilient to climate change of the tolerant? In the tolerant? In the same they salt-tolerant to storm surge? In the tolerant of the above, rank the resilience of the campus or site	educe heat island impacts? areas and walkways? bacts? Iffects, both in general climate	3 (Exemplar	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.1.2 2.1.3 2.1.4 STE Perfo	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing tre terms and pes Are they droug In coastal area Based on answellandscape P 2: Transport The Markey 2 for each assess transports	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Idand contributors Illed reflective white roofs on buildings to resign a sign and landscape vulnerabilities Interest and landscape vulnerabilities Interest and plants resilient to climate change of the tolerant? Interest to the above, rank the resilience of the action and Site Access Interest and S	educe heat island impacts? areas and walkways? pacts? Iffects, both in general climate f land use, siting and	3 (Exemplar	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Functional	No No No No No No No No Ro Rank	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.1.2 2.1.3 2.1.4 STE Perfo	Inventory stormw Is the capacity 100-year storm Will the system Inventory heat-is Have you insta Do you have h Have you insta Inventory plant m Are existing treems and pes Are they droug In coastal area Based on answellandscape P 2: Transport Transport	rater management infrastructure of existing stormwater management system events today? In be adequate in 2030/2050/2080?? Idand contributors Idled reflective white roofs on buildings to raigh-albedo, light colored paving on parking alled green roofs to mitigate heat-island impaterial and landscape vulnerabilities ees and plants resilient to climate change of the tolerant? In the tolerant? In the same they salt-tolerant to storm surge? In the tolerant of the above, rank the resilience of the campus or site	educe heat island impacts? areas and walkways? cacts? Iffects, both in general climate If land use, siting and are facilities?	3 (Exemplar	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No N	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A

Yes	= Action completed	Somewhat = Action in progress or incomplete	No = No action planned or taken	O Unknown = Sta	tus or action unkno	own	○ N/A = Does	not apply
		eyed existing landscape elements to ensure ccess routes to the facility?	e that if damaged they will not	Yes	Somewhat	○No	Unknown	○ N/A
2.2.2	Inventory paveme	ent design and materials						
	 Are pavements solar radiation 	s designed to withstand extreme temperatu?	ires, freezing and thawing, or	Yes	Somewhat	○ No	Unknown	○ N/A
2.2.3	Inventory transpo	rtation options for each site						
	Is the building subway?	or campus served by public transportation	systems, such as light rail or	○Yes	Somewhat	○ No	Unknown	○ N/A
	If so, have located the l	l public transportation systems undertaker	n climate resilience efforts?	Yes	○ Somewhat	○ No	OUnknown	○ N/A
	 Is public trans extreme weath 	portation likely to remain operational during her event?	g or immediately following an	Yes	Somewhat	○No	OUnknown	○ N/A
	Do you have a	contingency plan for personnel transportat	ion?	Yes	Somewhat	○ No	Unknown	○ N/A
		or campus is automobile and/or bus depen vulnerabilities associated with weather ext		Yes	Somewhat	○ No	Unknown	○ N/A
	Is there a helip	ad?		○Yes	Somewhat	○ No	Unknown	○ N/A
		uated the location of the helipad against ex grade flooding or rooftop vulnerability to damag		Yes	Somewhat	○ No	Unknown	○ N/A
2.2.4	Inventory evacua	tion routes and their vulnerabilities						
	 Have you dever event? 	loped contingency plans for evacuation dur	ring or following an extreme	Yes	Somewhat	○No	Unknown	○ N/A
	Are evacuation	routes vulnerable to falling trees, utilities	(fallen wires or poles)?	Yes	Somewhat	○ No	Unknown	○ N/A
	Are evacuation	routes above flood elevation?		Yes	Somewhat	○ No	Unknown	○ N/A
2.2.5	Based on answer	s to the above, rank the resilience of tran	sportation and site access.	3 (Exemplary) 2	(Functional) 01	(Marginal) 0 (None)	○ N/A
STE	P 3: Critical B	uilding Inventory		Value		Rank		
Perf	orm Step 3 for ea	ch critical building on the campus o	r site					
2.3.1	Develop inventor	of buildings vulnerable to each risk.						
	 Have you map 	ped building locations relative to hazard ma	aps?	○Yes	Somewhat	○ No	OUnknown	○ N/A
	Have you com							
	building?	piled building envelope and performance vu	ulnerabilities for each critical	Yes	Somewhat	○No	Ounknown	○ N/A
	building?Have you revi	piled building envelope and performance vo ewed building code design baselines again infall volumes, etc.) for each critical building	st extreme weather intensities	○ Yes		○No ○No	○ Unknown	○ N/A
	building?Have you revi (wind speeds, ra	ewed building code design baselines again hinfall volumes, etc.) for each critical building porated expected climate change data ove	st extreme weather intensities ?		Somewhat	○No	Unknown	○ N/A
2.3.2	building?Have you revi (wind speeds, raHave you inco assessments?	ewed building code design baselines again hinfall volumes, etc.) for each critical building porated expected climate change data ove	st extreme weather intensities ? or time into building vulnerability	Yes	Somewhat	○No	Unknown	○ N/A
2.3.2	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential	ewed building code design baselines again infall volumes, etc.) for each critical building porated expected climate change data ove	st extreme weather intensities ? or time into building vulnerability	Yes	Somewhat Somewhat	○No	Unknown	○ N/A
2.3.2	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep	ewed building code design baselines again infall volumes, etc.) for each critical building porated expected climate change data ove njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS	st extreme weather intensities ? or time into building vulnerability in hazards	○ Yes	Somewhat Somewhat	○ No ○ No ○ No	○ Unknown	○ N/A ○ N/A
2.3.2	Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl	ewed building code design baselines again infall volumes, etc.) for each critical building porated expected climate change data ove njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS	st extreme weather intensities ? or time into building vulnerability In hazards S or FEMA 386 to calculate	○ Yes ○ Yes	Somewhat Somewhat	○ No ○ No ○ No	Unknown Unknown	○ N/A ○ N/A
	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when	ewed building code design baselines again infall volumes, etc.) for each critical building porated expected climate change data over njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS s? ist for each building that summarizes ma	st extreme weather intensities ? r time into building vulnerability n hazards S or FEMA 386 to calculate jor principles that should be	○ Yes ○ Yes	Somewhat Somewhat Somewhat Somewhat	○ No ○ No ○ No	Unknown Unknown	○ N/A
	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS s? ist for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improvices "Green Building and Climate Resilience"	st extreme weather intensities ? In time into building vulnerability In hazards S or FEMA 386 to calculate Ijor principles that should be Ing building resilience?	Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat	○ No ○ No ○ No ○ No	Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie Review USGBO See Resources	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS s? ist for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improvices "Green Building and Climate Resilience"	st extreme weather intensities ? or time into building vulnerability In hazards S or FEMA 386 to calculate ijor principles that should be Ing building resilience? If or regional strategies.	Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie Review USGBO See Resources For Hospitals, For Residentia	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over injuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS solutions? It is for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improving and Climate Resilience.	st extreme weather intensities? In time into building vulnerability In hazards Sor FEMA 386 to calculate Ijor principles that should be Ing building resilience? Ifor regional strategies. See Resources.	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
	building? • Have you revi (wind speeds, ra) • Have you inco assessments? Assess potential • Have you prep • Where vulnera potential losse Develop a checkl considered when • Have you revie • Review USGBO See Resources • For Hospitals, • For Residentia P-361 for Safe	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over injuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS so it for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improvity is "Green Building and Climate Resilience" review FEMA-577 for flood and high wind. It Healthcare Facilities, review FEMA-577 ar	st extreme weather intensities ? In time into building vulnerability In hazards Sor FEMA 386 to calculate Injor principles that should be Ing building resilience? If or regional strategies. See Resources. Ind	Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie Review USGBO See Resources For Hospitals, For Residentia P-361 for Safe	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS so ist for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improving and Climate Resilience. "Green Building and Climate Resilience." The eview FEMA-577 for flood and high wind. It Healthcare Facilities, review FEMA-577 ar Rooms. See Resources. To a facilities, review FORTIFIED. See Resources.	st extreme weather intensities ? In time into building vulnerability In hazards Sor FEMA 386 to calculate Injor principles that should be Ing building resilience? If or regional strategies. Ind It is and Step 4.	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.3.3	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie Review USGBO See Resources For Hospitals, For Residentia P-361 for Safe For ambulator In flood regions, s	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over njuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS so ist for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improving and Climate Resilience. "Green Building and Climate Resilience." The eview FEMA-577 for flood and high wind. It Healthcare Facilities, review FEMA-577 ar Rooms. See Resources. To a facilities, review FORTIFIED. See Resources.	st extreme weather intensities ? In time into building vulnerability In hazards Is or FEMA 386 to calculate Injor principles that should be Ing building resilience? If or regional strategies. Is see Resources. Ind It is and Step 4. It is comply with the following	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
2.3.3	building? Have you revi (wind speeds, ra Have you inco assessments? Assess potential Have you prep Where vulnera potential losse Develop a checkl considered when Have you revie Review USGBO See Resources For Hospitals, For Residentia P-361 for Safe For ambulator In flood regions, specific regulatio NFIP or FEMA	ewed building code design baselines again infall volumes, etc.) for each critical building prorated expected climate change data over injuries and property loss associated with ared a building asset inventory? bilities are identified, have you used HAZUS s? est for each building that summarizes madeveloping policies or capital projects wed local or regional resources on improving "Green Building and Climate Resilience" review FEMA-577 for flood and high wind. It Healthcare Facilities, review FEMA-577 ar Rooms. See Resources.	st extreme weather intensities ? In time into building vulnerability In hazards Is or FEMA 386 to calculate Injor principles that should be Ing building resilience? If or regional strategies. Is see Resources. Ind It is and Step 4. It is comply with the following	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Somewhat	 No 	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	n OUnknow	vn = Stat	tus or action unkn	own	○ N/A = Does	not apply
2.3.5	Based on answers to the above, rank the state of critical building inventories	3 (Exemplar)) 02	(Functional)	I (Margina)	l) 0 (None)	○ N/A
STE	P 4: Building Construction and Vertical Transportation	Value			Rank		
Perfo	orm Step 4 for each critical building on the campus or site						
2.4.1	Inventory Building Envelope design parameters for each critical building						
	What is the date of construction/occupancy?			OUn	known (○ N/A	
	What are the deisgn wind loads for envelope?			OUn	known (○ N/A	
	What are the design wind loads for windows?			OUn	known (○ N/A	
	What are the design wind loads forroofs?			OUn	known (○ N/A	
	What are the design snow loads for roofs?			◯ Un	known (○ N/A	
	What are the design peak rainfall parameters for roof drainage systems?			○ Un	known (○ N/A	
	In high wind areas, are there places of refuge designed as part of the structure?			OUn	known (○ N/A	
	Have building insulation and windows been updated to comply with contemporary energy codes?			OUn	known (○ N/A	
2.4.2	Create places of refuge by hardening envelope and building shell						
	 Have buildings taller than 60 feet or having long span roofs (more than 150') been peer reviewed for structural design for increased extremes? 		Yes	Somewhat	○ No	Unknown	○ N/A
	• Have rooftop structures and equipment (and their attachments) been reviewed for anticipated wind speeds?		Yes	Somewhat	○ No	Unknown	○ N/A
	 Have rooftop structures and equipment (and their attachments) been reviewed for extreme precipitation and/or hail vulnerabilities? 		Yes	Somewhat	○ No	Unknown	○ N/A
	Are skylights uplift resistant and impact resistant?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Do exterior wall systems meet the requirements for wind and water resistance?		Yes	Somewhat	○ No	OUnknown	○ N/A
	• In high wind areas, have you installed impact resistant glazing or opening protectives?		Yes	Somewhat	○No	OUnknown	○ N/A
2.4.3	Review vertical transportation system vulnerabilities						
	 Are machine rooms resistant to flooding or high wind/rooftop damage? 		Yes	Somewhat	○No	OUnknown	○ N/A
	• Are vertical transportation systems dispersed to allow for partial use if some infrastructure is damaged or disabled?		Yes	Somewhat	○ No	Unknown	○ N/A
	 In flood zones, is a portion of the elevators constructed to remain operational during and following flood events? 		Yes	Somewhat	○ No	Unknown	○ N/A
2.4.4	Review interior construction for hazard vulnerabilities						
	• Is interior construction water-resistant below 500-year flood elevations?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Is stairwell construction fortified against high-wind events?		Yes	Somewhat	○ No	OUnknown	○ N/A
	• Is there a designated high wind "safe area"?		Yes	Somewhat	○ No	OUnknown	○ N/A
2.4.5	Based on answers to the above, rank the overall status of critical building construction and vertical transportation systems for each campus?	3 (Exemplar	/) 🔾 2	(Functional)	l (Margina)) 0 (None)	○ N/A
STE	P 5: Passive Survivability Inventory	Value			Rank		
Perfo	orm Step 5 for each critical building on the campus or site						
	erstand how buildings will perform if mechanical/electrical systems are disabled for vability for the applicable conditions below:	or an extende	ed peri	od of time.	Assess	overall pas	sive
2.5.1	In extreme heat:						
	Are windows operable to provide for ventilation air and to maintain habitable conditions?		Yes	Somewhat	○No	Unknown	○ N/A
	Are there exterior shading devices, trees or other architectural features that mitigate solar gain?		Yes	Somewhat	○No	OUnknown	○ N/A
	 Have you assessed the length of time people can remain in place before overheating requires evacuation? 		Yes	Somewhat	○No	Unknown	○ N/A
2.5.2	In extreme cold:						
	 Do building orientation, glazing and/or shading devices provide for supplemental daytime solar gain? 		Yes	Somewhat	○No	Unknown	○ N/A
	Is the building well-insulated, with high efficiency glazing systems?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Does the building have significant thermal mass to reduce heat loss?		Yes	Somewhat	○No	Unknown	○ N/A
	Are there any sources of supplemental building heat?		Voc	Comewhat	O No	Unknown	○ N/A

○ Yes =	Yes = Action completed Somewhat = Action in progress or incomplete No = No action plant			Unknown = Status or action unknown			○ N/A = Does not app		
-	 Have you assessed the length of time people can remain in place before extreme cold requires evacuation? 					Somewhat	○No	Unknown	○ N/A
SUM	MARY			Value			Rank		
Based on your responses above, develop a list of action items to address Land Use, Bu									
Based	on your respo	nses above, develop a list of action iter	ns to address Land Use, Bui	ilding Desig	n and l	Regulatory I	ssues i	dentified.	
2.6.1		nses above, develop a list of action iten ined key resilience improvement strategies		ilding Desig					○ N/A

ELEMENT 3 CHECKLIST

INFRASTRUCTURE PROTECTION AND RESILIENCE PLANNING

Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknow	wn = Stat	us or action unkn	own	○ N/A = Does	not apply
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
	 For Residentia Rooms? 	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	orm 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
	 Are all critical outages? 	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 O Unknown	= Statı	us or action unkn	own	○ N/A = Does	s not apply
		or energy and utility infrastructure elements lo flood-proof enclosures?	cated below flood elevations		Yes	Somewhat	○ No	Unknown	○ N/A
	 Is roof mounted impact damage 	ed energy and utility infrastructure secured for ge?	high wind and protected from		Yes	Somewhat	○ No	Unknown	○ N/A
	Are emergence	cy generators located above design flood elevat	tions?		Yes	Somewhat	○No	OUnknown	○ N/A
	Are emergence	cy generators safe from impact damage during	high wind events?		Yes	Somewhat	○ No	Unknown	○ N/A
	Based on your locations	r answers above, rank the resilience of your e	nergy and utility infrastructure	3 (Exemplary)	O2 ((Functional) 01	1 (Margina) 0 (None)	○ N/A
3.1.3		ted emergency involving a power outage at y e back-up power sources available to supply							
	 What percentage 	age of your base electrical demand is covered	by emergency generators?				○ N/A		
	Do you have r	redundancy $(N+1)$ 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
	 Is food refrige 	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)	O2 ((Functional) 1	1 (Margina) 0 (None)	○ N/A
3.1.4	In extreme event items related to t	is, 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 therm	mal plant fuel source(s) subject to delivery disru	uptions?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Is your heating	ng system electric (ground source heat pumps or e	electric baseboard)?		Yes	Somewhat	○ No	Olnknown	○ N/A
	If the answer	above is "yes", is it on the emergency power s	ystem?		Yes	Somewhat	○ No	OUnknown	○ N/A
	Are boilers du	al-fueled?			Yes	Somewhat	○No	OUnknown	○ 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)	O2((Functional) 01	1 (Margina) 0 (None)	○ N/A
3.1.5	In extreme event items related to t	ts, 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	OUnknown	○ N/A
3.1.6	In a climate relat functioning.	ted emergency, assess the capability of your	cooling systems to continue	3 (Exemplary)	O2((Functional) 1	1 (Marginal) 0 (None)	○ N/A
	P 2: Energy C			Value			Rank		
Perfo		ach campus or site							
3.2.1	health risks (throu	y initiatives contribute to resiliency by reduci ugh greenhouse gas emission reductions) and redu be better prepared when power supply is disrupted).	icing reliance on energy on a				○ 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?	ity 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	n = Stat	us or action unk	nown	○ 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	te staff, patients and visitors about energy redupaigns)?	uction strategies (energy		Yes	Somewhat	○ No	Unknown	○ N/A
3.2.2	Have you engage	ed in any of the following energy conservation	n measures?						
	 Central plant of 	or mechanical equipment upgrades?			◯Yes	Somewhat	○ No	Olnknown	○ N/A
	 Low-energy light 	ghting, such as T-5 or LED?			○Yes	O Somewhat	○ No	Olnknown	○ N/A
	 Install lighting 	control systems to minimize energy consump	tion?		◯Yes	Somewhat	○ No	Olnknown	○ N/A
	Install energy	efficient equipment?			Yes	Somewhat	○ No	Unknown	○ N/A
3.2.3		or system investigated the possibility of divi ble energy sources for your buildings or can							
	Solar (photovol	taic or thermal)			◯Yes	Somewhat	○ No	OUnknown	○ N/A
	Wind				◯Yes	Somewhat	○ No	Olnknown	○ N/A
	Methane (from	landfill or industrial/agricultural sources)			◯Yes	Somewhat	○ No	Olnknown	○ N/A
	 Biomass 				○Yes	O Somewhat	○No	OUnknown	○ N/A
3.2.4	units will need to ru climate variability	could have cost implications for your health n at higher intensities and for longer periods of time t, 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	d) 0 (None)	○ N/A
			, ,			, , ,	, 0	, , ,	
STE	P 3: Water Su	pply		Value			Rank		
		ach campus or site							
3.3.1	Climate change r	nay cause more water restrictions or contar sufficient plans for water resources in the e							
	Are there two	independent water sources to the facility?			◯Yes	Somewhat	○ No	OUnknown	○ N/A
	Is there a fund	tioning well on your site?			Yes	Somewhat	○ No	Unknown	○ N/A
	If yes, is it ade	equate 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 acy?	provide process water needs		Yes	Somewhat	○No	Unknown	○ 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		
	 What duration 	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)) (2	(Functional)	1 (Margina	d) 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
	Is all internal v	water 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 undersank your awareness of water usage and cos	stand needs and			-		-	
	Have you audi	ted and benchmarked your water usage (gal/da	ay)?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you track of	or monitor water use for performance measure	s?		Yes	Somewhat	○ No	Unknown	○ N/A
	Do you monito	or 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
	 Do you have a campaign to increase awareness about water conservation/use in the facility among staff, visitors and patients? 		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					
	Low flow showers and faucets?		○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.		_				
	 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? 		Yes	Somewhat	○No	Unknown	○ N/A
	 Are all floor drains below flood elevation outfitted with drain plugs? 		Yes	Somewhat	○ No	OUnknown	○ N/A
	 Do you have any provisions for storing sewage in the event municipal systems are di or lost? 	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. EP 7: 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 orm 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)	eather el" raffic to the Value n ving	Yes Yes Yes Yes Yes Yes Yes Yes Yes	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	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 mur	nicipal 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	l (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

ELEMENT 4 CHECKLIST

ESSENTIAL CLINICAL CARE SERVICE DELIVERY PLANNING

Yes	= Action completed	Somewhat = Action in progress or incomplete No = No action planned or taken Unknown :		vn = Stati	us or action unkn	\bigcirc N/A = Does not ap			
STE	P 1: Determine	ermine Clinical Care Needs Value				Rank			
4.1.1	Have you develo	ped planning metrics for extreme weat	her related events?		Yes	Somewhat	○No	OUnknown	○ N/A
4.1.2	Determine the appropriate length of time for self-sustaining care within the facility without re-supply of equipment, supplies and staff (96 hours is a common default)					○Un	known (○ N/A	
4.1.3	Determine the appropriate length of time with no mutual aid from the local community that will be used for planning purposes (96 hours is a common default)					OUn	known (○ N/A	
4.1.4		ge Daily Occupancy (census) unber of occupied beds over the preceding year)				OUn	known (○ N/A	
4.1.5	Determine avera number periodic	ge number of patients that qualify for e ally	arly discharge; check			OUn	known (○ N/A	
4.1.6	Determine factor	rs for community surge							
		the place of refuge for community long cal residential care uses?	term care, assisted living,		Yes	Somewhat	○ No	OUnknown	○ N/A
		icular health vulnerabilities in the comn issions during an extreme event?	nunity that will likely		Yes	Somewhat	○ No	OUnknown	○ N/A
4.1.7	Set target for sur	rge capacity (for example: 5%, 10%, 20% of b	ed totals)	%		OUn	known	○ N/A	
4.1.8	Do you have a p with extreme we	lan for Mass Fatality management and ather events?	accommodation associated		Yes	Somewhat	○ No	OUnknown	○ N/A
	Morgue Capa	city			Yes	Somewhat	○ No	Olnknown	○ N/A
	Portable Refri	igerated Trailers			Yes	Somewhat	○ No	Olnknown	○ N/A
	 Spaces capal 	ole of additional cooling			○Yes	○ Somewhat	○ No	OUnknown	○ N/A
4.1.9	Assess your ove extreme weather	rall understanding of clinical care need r event.	s and patient surge in an	3 (Exemplary	y) O2	(Functional)	1 (Margina)) 0 (None)	○ N/A
STE	P 2: Determine	Personnel Availability		Value			Rank		
	Have you calcula	Personnel Availability ated the number of personnel that will revel, illness or safety concerns (e.g., 40%)		Value	Yes	Somewhat		OUnknown	○ N/A
4.2.1	Have you calculato inability to trave	ated the number of personnel that will r	or 200 out of 500)?	Value	○ Yes	Somewhat Somewhat	○No		
4.2.1	Have you calculate inability to transport the lawe you prepare (who can work from the law your health assistance from the law your health assistance from the law your health assistance from the law you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you prepare (who can work from you calculate the law you	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the a Staffing Strategy during surge?	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency,	Value			○ No		
4.2.1 4.2.2 4.2.3	Have you calculate inability to trave. Have you prepare (who can work from a Does your health assistance from federal agency) in the Assess your ove	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% or ed a Staffing Strategy during surge? home, who can work from an alternate location; who care facility disaster plan include a proportion outside partners (e.g. other health care facility	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency,		○ Yes	Somewhat	○ No ○ No ○ No	○ Unknown	○ N/A
4.2.1 4.2.2 4.2.3	Have you calculate inability to trave. Have you prepare (who can work from a Does your health assistance from federal agency) in the Assess your ove	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death of the same of th	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency,		○ Yes	Somewhat Somewhat	○ No ○ No ○ No	○ Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your selections.	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death of the same of th	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather		○ Yes	Somewhat Somewhat	○ No ○ No ○ No	○ Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate inability to trave. Have you prepare (who can work from the can work from the can work from the can work from the can agency) in the cases your overevent based on your line of the can agency the local line of the can agency the local can be calculated by the calcu	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the deal of the state	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	○ Yes	Somewhat Somewhat	○ No ○ No ○ No 1 (Marginal	○ Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate inability to trave. Have you prepare (who can work from the can work from the can work from the can work from the can agency) in the cases your overevent based on your line of the can agency the local line of the can agency the local can be calculated by the calcu	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the da Staffing Strategy during surge? Thome, who can work from an alternate location; who care facility disaster plan include a proportion outside partners (e.g. other health care facility disaster plan include a proportion of climate-related emergency? The event of climate-related emergency? The event of climate-related emergency? The event of climate related emergency?	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	○ Yes	Somewhat Somewhat	○ No ○ No ○ No 1 (Marginal	○ Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your property. Inventory the local diagnostic equip and out of harm'	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the deal of the state	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	Yes Yes	Somewhat Somewhat	No No No Rank	Unknown Unknown	○ N/A ○ N/A ○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your diagnostic equip and out of harm'. • Urgent Care.	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the deal of the state	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary		Somewhat Somewhat (Functional) Somewhat	No	Unknown Unknown O (None)	○ N/A ○ N/A ○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your diagnostic equip and out of harm'. • Urgent Care.	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	YesYes√ YesYesYesYes	Somewhat Somewhat (Functional) Somewhat Somewhat	No	Unknown Unknown O (None) Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to translate to inability to translate the inability to translate the inability of the inabil	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	 Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat (Functional) Somewhat Somewhat Somewhat	No	Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to trave to inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your diagnostic equip and out of harm'out of ha	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	 ✓ Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to trave to inability to trave. Have you prepare (who can work from Does your health assistance from federal agency) in the Assess your overevent based on your diagnostic equip and out of harm'out of ha	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	 Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
4.2.1 4.2.2 4.2.3 4.2.4	Have you calculate to inability to translate inability. Have you prepare (who can work from form). Does your health assistance from federal agency) in the Assess your over event based on your form. In the Indiagnostic equipand out of harm? • Urgent Care • Emergency Soon Main Lobby/ Indiagnostic equipand out of harm? • Helipad • Imaging • Critical Care and in the Indiagnostic equipand out of harm?	ated the number of personnel that will revel, illness or safety concerns (e.g., 40% of the death	or 200 out of 500)? who is necessary at the hospital?) otocol to receive external ties, community, provincial agency, ility in an extreme weather rabilities ents, support services and	3 (Exemplary	 Yes Yes √Yes Yes Yes Yes Yes Yes Yes Yes Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No	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	Unknown = Status or action unknown \bigcirc N/A = Does not apply
	Kitchen/ Food and Potable Water Storage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Clinical Supplies accessible	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Clinical Laboratories	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Hazardous Waste Storage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Morgue	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Ambulance Fleet Refueling/ Garage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Internal building connecting corridors/links	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Assess your vulnerability to extreme events based on your responses above.	3 (Exemplary) 2 (Functional) 1 (Marginal) 0 (None) N/A
4.3.2	Based on your inventory above, do you have workaround and/or contingency plans for possible disruption of vulnerable services and functions related to an extreme weather related event?	
	Urgent Care	Yes Somewhat No Unknown N/A
	Emergency Services	Yes Somewhat No Unknown N/A
	Main Lobby/ Building Entrances	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Helipad	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Imaging	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Critical Care and/or Bed Units	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Pharmacy	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Medical Records/ IT	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Emergency Command Center	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Kitchen/ Food and Potable Water Storage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Clinical Supplies accessible	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Clinical Laboratories	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Hazardous Waste Storage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Morgue	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Ambulance Fleet Refueling/ Garage	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Internal building connecting corridors/links	Yes Somewhat No Unknown N/A
	Do you have workarounds for services listed below?	Yes Somewhat No Unknown N/A
	Assess your contingency plans for vulnerable locations based on your	
422	responses above. A climate-related emergency may affect waste management practices at your	3 (Exemplary) 2 (Functional) 1 (Marginal) 0 (None) N/A
4.3.3	health care facility. Does your health care facility have a contingency waste management plan if primary waste management processes are limited or unavailable in an climate-related emergency scenario?	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
4.3.4	Assess your overall clinical care and support vulnerabilities in an extreme weather event based on your answers to the questions above.	3 (Exemplary) 2 (Functional) 1 (Marginal) 0 (None) N/A
STE	P 4: Identify Locations for Anticipated Patient Surge	Value Rank
4.4.1	Identify the number of unoccupied beds (total capacity - average census)	○ Unknown ○ N/A
4.4.2	Identify number of early discharge recoverable beds (see 4.1.4)	○ Unknown ○ N/A
4.4.3	Have you inventoried and assessed Expanded Treatment Areas (ETA) (additional areas on campus or off-campus at locations owned or operated by the hospital) for treating lower acuity patients, either admits or transfers from the hospital? See Element 4 Resources for an APC Checklist for Expanded Treatment Areas.	○ Yes ○ Somewhat ○ No ○ Unknown ○ N/A
	Have you inventoried and ranked Alternate Care Sites (off-campus locations owned or operated by businesses other than the hospital) to which lower acuity hospital patients may be transferred for treatment by attending hospital staff? (These may be churches, schools, hotels/motels, etc., not large regional community-wide alternate care sites established by the community.) See Element 4 Resources for an APC Checklist for Alternate Care Sites.	Yes Somewhat No Unknown N/A
4.4.5	Assess overall provisions for anticipated patient surge during and following extreme weather events based on your responses to the questions above.	3 (Exemplary) 2 (Functional) 1 (Marginal) 0 (None) NA

○Yes	= Action completed Somewhat = Action in progress or incomplete No = No action planned or take	n O Unkno	wn = Stat	us or action unkn	own (N/A = Does	not apply
STE	P 5: Personnel and their Accommodation	Value			Rank		
4.5.1	Have you identified Temporary Staffing Sources - ie, Red Cross, Emergency Response Teams, etc?		Yes	Somewhat	○No	Unknown	○ N/A
4.5.2	Have you identified and equipped Essential Staff Sleeping Area(s)?		Yes	Somewhat	○ No	Unknown	○ N/A
4.5.3	Do you have a Dependent Care Plan that Identifies essential staff dependent care options, both on and off-site? <i>See Element 4 Resources for APC model plan.</i>		Yes	Somewhat	○No	Unknown	○ N/A
4.5.4	Do you have a Pet Care Plan that in part encourages employees to anticipate and proactively find accommodations for pets before the emergency? <i>See Element 4 Resources for APC model plan.</i>		Yes	Somewhat	○No	Unknown	○ N/A
4.5.5	Do your response and recovery plans for climate-related emergencies or disasters include the provision of psychological support to address mental health impacts of health care facility staff in the short term and long-term?		Yes	Somewhat	○No	Unknown	○ N/A
4.5.6	Do you have a system to manage professional and allied healthcare and non-healthcare volunteer personnel?		Yes	Somewhat	○No	Unknown	○ N/A
4.5.7	Rank overall provisions for personnel and their accommodation during and following extreme weather events based on your responses to the questions above.	3 (Exemplar	y) <u>2</u>	(Functional)	(Marginal)	O (None)	○ N/A
STE	P 6: Health Care Resources and Supplies	Value			Rank		
weat	urement of health care resources and supplies is critical for any health care facility her events may affect access to these resources. This includes "just in time delive tions below and assess your supply chain resilience.						
4.6.1	At planning venues with community partners, do you discuss how institutional changes in combination with climate variability might affect delivery and/or access to health care resources or supplies?		Yes	Somewhat	○No	OUnknown	○ N/A
4.6.2	Do you have a plan to accommodate increased supply storage for the extended period of time that the facility will be self-sufficient?		Yes	Somewhat	○No	Unknown	○ N/A
4.6.3	Do you currently have access to sufficient inventories of essential supplies and resources to continue to provide care during one or more climate-related emergencies? Please respond according to essential back-up supplies listed below.						
	Medications, treatments, drugs, pharmaceuticals, vaccines		Yes	Somewhat	○No	Olnknown	○ N/A
	Medical equipment: dialysers, etc.		Yes	Somewhat	○ No	Olnknown	○ N/A
	• Food		Yes	Somewhat	○ No	Olnknown	○ N/A
	• Water		Yes	Somewhat	○ No	Olnknown	○ N/A
	Non-medical materials, such as bed linens, cleaning supplies		Yes	Somewhat	○ No	Unknown	○ N/A
4.6.4	Rank your overall supply chain preparedness, based on your answers to the questions above	3 (Exemplar	y) O2	(Functional)	(Marginal)	O (None)	○ N/A
SUN	IMARY	Value			Rank		
Base	d on your responses above, develop a list of action items to address Clinical Care	Service Del	ivery is	sues identifi	ed.		
4.7.1	Have you determined key clinical care improvement strategies for each building and campus from this checklist?		Yes	Somewhat	○No	Unknown	○ N/A
4.7.2	Have you mapped priority strategies for this Element across a timetable for implementation? <i>Refer to the Getting Started section of the Climate Resilience Tooklit toolkit.climate.gov.</i>		Yes	Somewhat	○No	Unknown	○ N/A

ELEMENT 5 CHECKLIST

ENVIRONMENTAL PROTECTION AND ECOSYSTEM ADAPTATIONS

Yes	= Action completed Somewhat = Action in progress or incomplete No = No action planned or taker	Ounknown = Status or action unknown				\bigcirc N/A = Does not apply		
GEN	ERAL	Value			Rank			
5.0.1	A climate resilient health care facility recognizes and commits to sustainable practices that benefit the hospital and broader community. Does your health care facility undertake any of the following measures to be more sustainable?							
	Develop sustainability goals and action plans		Yes	Somewhat	○ No	Unknown	○ N/A	
	Track sustainability performance (setting targets, identifying indicators)		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Implement strategies and activities to continuously improve sustainable management		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Build community partnerships with organizations or agencies to contribute to a resilient community		Yes	Somewhat	○No	Unknown	○ N/A	
	 Learn about new and emergent programs and technologies to be more sustainable (assessing sustainable practices of suppliers, for example) 		Yes	Somewhat	○ No	Unknown	○ N/A	
5.0.2	Many states and municipalities have begun to address climate change by developing climate action plans, undertaking vulnerability assessments, and restoring or adapting ecosystems for improved resilience. Is your health care facility aware of or participating in ecosystem based climate change adaptation or mitigation initiatives in your area?		Yes	Somewhat	○No	Unknown	○ N/A	
5.0.3	Do you design and construct buildings using green design best practices, standards or guiding principles (e.g. Leadership in Energy and Environmental Design (LEED), Living Building Challenge, or equivalent)?		Yes	Somewhat	○No	OUnknown	○ N/A	
5.0.4	Does your health care facility take any of the following measures to contribute to improving air quality in your community?							
	Engage in air quality initiatives in the community		Yes	Somewhat	○ No	Unknown	○ N/A	
	Avoid the use of toxic chemicals wherever possible indoors		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Avoid the use of toxic chemicals wherever possible in landscape management		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Support local suppliers to reduce transportation miles for supplies		Yes	Somewhat	○ No	Olnknown	○ N/A	
	Support mass transit, carpooling or ride sharing		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Support active transportation (walking or biking)		Yes	Somewhat	○ No	OUnknown	○ N/A	
	 Minimizes transport related emissions by understanding how facility location/design impacts transportation uses 		Yes	Somewhat	○No	Unknown	○ N/A	
	Other (specify):		Yes	Somewhat	○ No	Olnknown	○ N/A	
STE	P 1: Treat Water as a Resource	Value			Rank			
Revie	w the site or campus stormwater management system against future climate pred	dictions for o	capacit	y and oppor	tunities	S.		
5.1.1	Does your facility practice any of the following sustainable stormwater management practices to reduce local flooding in extreme rain events?							
	Permeable paving		Yes	Somewhat	○ No	Unknown	○ N/A	
	Green roofs		Yes	Somewhat	○ No	OUnknown	○ N/A	
	Bioswales		Yes	Somewhat	○ No	Unknown	○ N/A	
	Open space for groundwater recharge		Yes	Somewhat	○ No	OUnknown	○ N/A	
5.1.2	Does your facility practice any of the follwing sustainable stormwater management practices to reduce reliance on water supplies for landscape irrigation in droughts?							
	Native and drought tolerant species		Yes	Somewhat	○ No	Unknown	○ N/A	
	Rainwater harvesting		Yes	Somewhat	○ No	Unknown	○ N/A	
5.1.3	Rank overall stormwater management system with regard to capacity to recharge groundwater and manage extreme precipitation (rainfall or snowfall) events.	3 (Exemplar	y) O2	(Functional)	1 (Marginal)) 0 (None)	○ N/A	

∪ Yes	= Action completed Somewhat = Action in progress or incomplete No = No action planned or taker	ı Ounkno	wn = Stat	us or action unkn	own	○ N/A = Does	not apply
STE	P 2: Value Soils	Value			Rank		
	Sustainable food programs can include a variety of elements that enhance resilience. Does your health facility undertake any of the following sustainable food activities?						
	Diversify suppliers to include local food		Yes	Somewhat	○ No	Unknown	○ N/A
	On-site food production (greenhouse, roof gardens)		Yes	Somewhat	○ No	Unknown	○ N/A
	Support or host community farmers markets		Yes	Somewhat	○ No	Unknown	○ N/A
	Organic food procurement		Yes	Somewhat	○ No	Unknown	○ N/A
	Antibiotic-free meat and dairy		Yes	Somewhat	○ No	Unknown	○ N/A
	Reduce or eliminate sugar-sweetened beverages		Yes	Somewhat	○ No	Unknown	○ N/A
5.2.2	Does your facility or system compost food waste?		Yes	Somewhat	○ No	Unknown	○ N/A
5.2.3	Does your healthcare facility practice Integrated Pest Management or other sustainable landscaping and groundskeeping practices related to the following strategies?						
	Control invasive species		Yes	Somewhat	○No	OUnknown	○ N/A
	Reduce pesticide use		Yes	Somewhat	○ No	OUnknown	○ N/A
	Reduce fertilizer impacts		Yes	Somewhat	○ No	Olnknown	○ N/A
	Restore disturbed soils		Yes	Somewhat	○ No	Unknown	○ N/A
5.2.4	Does your facility practice any of the follwing sustainable landscaping protocols that enhance ecosystem services?						
	Habitat for endangered species		Yes	Somewhat	○ No	OUnknown	○ N/A
	Bird-friendly provisioning; nesting, food plants, water		Yes	Somewhat	○ No	Olnknown	○ N/A
	Native landscape, wetlands or forest restoration programs		Yes	Somewhat	○ No	OUnknown	○ N/A
5.2.5	Based on the number of "yes" responses to the question above, rank your progress on valuing soils.	3 (Exemplar	y) <u>2</u>	(Functional)	1 (Marginal,) 0 (None)	○ N/A
STE	P 3: Preserve Vegetative Cover and Open Space	Value			Rank		
STE 5.3.1	P 3: Preserve Vegetative Cover and Open Space Is your facility or campus inside the limits of any of the following sensitive sites:	Value			Rank		
		Value	Yes	Somewhat	Rank	Unknown	○ N/A
	Is your facility or campus inside the limits of any of the following sensitive sites:	Value	○ Yes	Somewhat Somewhat		Unknown Unknown	○ N/A ○ N/A
	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat	Value			○ No		
	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands	Value	Yes	Somewhat	○ No	Unknown	○ N/A
	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land	Value	Yes Yes	Somewhat Somewhat	○ No ○ No ○ No	Unknown Unknown	○ N/A
	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your	Value	Yes Yes	Somewhat Somewhat	No No No No	Unknown Unknown	○ N/A
5.3.1	S your facility or campus inside the limits of any of the following sensitive sites: Endangered species habitat Wetlands Prime agricultual land Prime forest If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover,	Value	Yes Yes Yes	Somewhat Somewhat Somewhat	No No No No	Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
5.3.1	Sour facility or campus inside the limits of any of the following sensitive sites: Endangered species habitat Wetlands Prime agricultual land Prime forest If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures?	Value	Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat	○ No ○ No ○ No ○ No ○ No	Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A
5.3.1	Syour facility or campus inside the limits of any of the following sensitive sites: Endangered species habitat Wetlands Prime agricultual land Prime forest If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? Structured parking lots in lieu of surface parking	Value	Yes Yes Yes Yes Yes Yes	Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No	Unknown Unknown Unknown Unknown Unknown	○ N/A ○ N/A ○ N/A ○ N/A ○ N/A
5.3.1	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? • Structured parking lots in lieu of surface parking • Dedicated open space	Value	○ Yes	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
5.3.1	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? • Structured parking lots in lieu of surface parking • Dedicated open space • Green roofs • Shaded roadways • Bioswales	Value	 ✓ Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
5.3.1	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? • Structured parking lots in lieu of surface parking • Dedicated open space • Green roofs • Shaded roadways	Value	 Yes 	Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat Somewhat	No No No No No No No No	Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown Unknown	○ N/A
5.3.1	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? • Structured parking lots in lieu of surface parking • Dedicated open space • Green roofs • Shaded roadways • Bioswales	Value	 Yes 	Somewhat	No No No No No No No No	Unknown	○ N/A
5.3.1	Is your facility or campus inside the limits of any of the following sensitive sites: • Endangered species habitat • Wetlands • Prime agricultual land • Prime forest • If yes, have you have implemented measures to mitigate negative impacts from your site development in partnership with community? If so, include these measures as part of your resilience strategies. Measures may include applying setbacks, land covenant protections, etc. Does your campus or facility actively seek opportunities to preserve vegetative cover, preserve open space, or create habitat through any of the following measures? • Structured parking lots in lieu of surface parking • Dedicated open space • Green roofs • Shaded roadways • Bioswales • On site food production	Value	 ✓ Yes 	Somewhat	No No No No No No No No	Unknown	○ N/A

Yes	= Action completed	Somewhat = Action in progress or incomplete	○ No = No action planned or taken	Unknov	vn = Statı	us or action unkn	own (○ N/A = Does	not apply
STEP 4: Reduce Waste							Rank		
5.4.1	Minimizing waste benefits) and contr	e-management programs could include a va production can have co-benefits <i>(cost-savin</i> ibutes to a climate resilient health care facil ny of the following sustainable waste mana	gs, environmental benefits, health lity. Has your health care						
	Audit all waste	streams			Yes	Somewhat	○No	Olnknown	○ N/A
	Conserve and	reduce all waste streams, measure and report	progress		◯Yes	Somewhat	○ No	OUnknown	○ N/A
	Segregate was	te to minimize regulated medical waste (RMW)		Yes	Somewhat	○No	Olnknown	○ N/A
	Purchase reusa	able products and products that minimize pacl	kaging and waste		Yes	Somewhat	○No	OUnknown	○ N/A
	Alternative disp autoclave landfill	oosal and treatement technologies <i>(e.g., anaerol)</i>	bic digestion of organic waste,		Yes	Somewhat	○ No	Unknown	○ N/A
	Recycling prog	rams			Yes	Somewhat	○No	Unknown	○ N/A
5.4.2	Rank the overall the questions abo	performance of your waste management prove.	ograms, based on answers to	3 (Exemplary) 02(Functional) 01	l (Marginal)	0 (None)	○ N/A
SUN	IMARY			Value			Rank		
Based on your responses above, develop a list of action items to address Environmental identified.			al Protection	and E	cosystem A	daptati	on issues		
5.5.1		ned key sustainability and ecosystem adapt pus from this checklist?	ation strategies for each		Yes	Somewhat	○ No	OUnknown	○ N/A
5.5.2		d priority strategies for this Element across a Refer to the Getting Started section of the Clima			Yes	Somewhat	○No	OUnknown	○ N/A