



## Climate

### Introduction

According to the Lancet Commission, “Tackling climate change could be the greatest global health opportunity of the 21st century.” Climate change is the most serious and pressing environmental issue and emerging threat to human health. Practice Greenhealth looks forward to learning about and celebrating your climate change mitigation, resilience, and communication efforts to date.

### Greenhouse Gas Emissions

Addressing climate change is a multi-step process that includes understanding the facility's impact, tracking the facility's impact, and mitigating the facility's impact. This section of the application will help you understand different greenhouse gas emissions reporting categories relevant to health care. Practice Greenhealth has developed a **Greenhouse Gas Reduction Toolkit** to walk you through this process.

Practice Greenhealth has autocalculated your facility's energy-related greenhouse gas (GHG) emissions on the Energy page. Energy-related GHG emissions for Scope 1 (stationary combustion) should be added to any other Scope 1 emissions being tracked, and then entered into Q 1 in Table A below. Scope 2 emissions are comprised entirely of energy-related aspects and can be pasted from the Energy page into Q 2 in Table A below. Scope 3 emissions are not calculated on this application. If you have questions about GHG Tracking, see Practice Greenhealth's **Greenhouse Gas Reduction Toolkit** and for more information on GHG calculations and conversion factors, please refer to our **Guidance on Greenhouse Gas (GHG) Emission Calculations**. Please direct questions on GHG calculations or data entry to **Lauren Koch**, Associate Director of the Climate program.

**Table A: Current Year Greenhouse Gas Emissions**

	Scopes Emissions
Scope 1 Emissions (in MTCO <sub>2</sub> e)	<b>1.</b> <input type="text"/>
Scope 2 Emissions (in MTCO <sub>2</sub> e)	<b>2.</b> <input type="text"/>
Scope 3 Emissions (in MTCO <sub>2</sub> e)	<b>3.</b> <input type="text"/>
Total Scope 1, 2 and 3 GHG Emissions	<b>4.</b> <input type="text"/>

In **Table B**, please describe up to two projects that are major components of the organizations' GHG emission reduction strategy in the past year. Reduction metrics must be in **metric tons of CO<sub>2</sub>e**.

Examples of mitigation programs could include energy efficiency projects, **renewable energy** installations, alternative transportation programs, **recycling**, composting, waste anesthetic gas minimization, purchase of local foods and beverages, and water reduction activities.

**Table B. Current Year GHG Emission Reductions**

Project Description	Scope Emissions & Sub-Scope	CO <sub>2</sub> e Savings(metric tons)	Dollar Savings (list total savings (+) or expenditure (-))
<b>5.</b> <input type="text"/>	<b>6.</b> Select an option... ▾	<b>7.</b> <input type="text"/>	<b>8.</b> <input type="text"/>
<b>9.</b> <input type="text"/>	<b>10.</b> Select an option... ▾	<b>11.</b> <input type="text"/>	<b>12.</b> <input type="text"/>

### Demonstrating Climate Leadership

**13.** Does the facility generate or purchase **renewable energy**?

Yes

Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

**13.a** Please describe the organization's work around adding renewables to its energy portfolio.

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Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

**14.** Has the hospital or health system set either a **GHG reduction** or **renewable energy goal**?☒ Yes☐ No

Please note that this question pulls directly from the Energy page of the application and cannot be edited on this page.

Please indicate in the table below if the organization has set a **goal related to climate** and indicate which scope the goal applies to, the target year for reductions, the baseline year for the goal, and the projected annual reductions in metric tons of CO<sub>2</sub>e.

Goal Type	Goal applies to:	Percent reduction (if applicable)	Target Year	Baseline Year	Projected Annual Reductions in GHGs (in MTCO <sub>2</sub> e)
Carbon Net Positive	<b>14.a</b> Select an option... ▾	<b>14.b</b>	<b>14.c</b>	<b>14.d</b>	<b>14.e</b>
Carbon Neutral	<b>14.f</b> Select an option... ▾	<b>14.g</b>	<b>14.h</b>	<b>14.i</b>	<b>14.j</b>
Greenhouse Gas Reduction	<b>14.k</b> Select an option... ▾	<b>14.l</b>	<b>14.m</b>	<b>14.n</b>	<b>14.o</b>
Renewable Energy	<b>14.p</b> Select an option... ▾	<b>14.q</b>	<b>14.r</b>	<b>14.s</b>	<b>14.t</b>
Aggressive Energy Reduction	<b>14.u</b> Select an option... ▾	<b>14.v</b>	<b>14.w</b>	<b>14.x</b>	<b>14.y</b>
Other	<b>14.z</b> Select an option... ▾	<b>14.aa</b>	<b>14.ab</b>	<b>14.ac</b>	<b>14.ad</b>

**15.** Has the facility made a formal external commitment to climate change or signed a commitment?☒ Yes☐ No**15.a** Please select all that apply:

- ☐ Climate Registry
- ☐ Divestment from or frozen future investments in fossil fuels
- ☐ Health Care Climate Challenge
- ☐ Health Care Climate Council
- ☐ Local/state/regional commitment
- ☐ The Presidents' Climate Leadership Commitment
- ☐ We Are Still In
- ☒ Other

For more information on different public climate change commitments, see the [Health Care Climate Challenge](#), the [Health Care Climate Council](#), the [Presidents' Leadership Commitment](#), and [We Are Still In](#).To learn more about divestment from fossil fuels and investment in clean technologies for health care institutional investors, see [Divestment & Investment](#).**15.a.b** Please indicate which other climate commitment the facility has signed onto.

Points will not be awarded for having a climate commitment unless the specific commitment information is provided.

**16.** Has the facility advocated for or promoted policies or regulations that **protect public health from the causes of climate change** (e.g. testifying or submitting comments at public hearings, OpEds, sign-on letters/statements, meeting with public officials to educate or lobby)?

- ☐ Yes  
☐ No

**17.** Has the facility provided **education** on the connection between climate and health to its staff, patients, clinicians and/or the community?

- ☐ Yes  
☐ No

## Climate Resilience

Please indicate how the facility has been working on **protecting infrastructure and building community resilience initiatives** around climate change:

Analyzed local disaster risks due to climate change and its role in addressing them.	<b>18.</b> Select an option...
Reviewed the evidence of health risks from climate change (from local public health epidemiology/vulnerability assessments: e.g. migration of vector borne diseases, extreme heat, etc.) that may impact its community.	<b>19.</b> Select an option...
Participated in city, regional, or state climate resilience planning efforts.	<b>20.</b> Select an option...
Acted on one or more of top vulnerabilities to improve the resilience of building infrastructure, energy, water, and food systems.	<b>21.</b> Select an option...
Engaged in long term activities that restore and improve functioning ecosystem services in order to foster more resilient communities (e.g. working to preserve or restore ecosystem services - forests, coastal zones, wetlands, river basins, fisheries).	<b>22.</b> Select an option...
Developed a plan and included climate risks in both facility and regional emergency preparedness planning and implementation for addressing key health care service delivery needs during or following extreme weather events such as cold or heat waves, hurricanes, droughts, wildfires.	<b>23.</b> Select an option...
Completed an assessment tool (such as the <b>Building Health Care Sector Resilience Toolkit</b> , and developed an action plan to address climate change-related building and infrastructure vulnerabilities.	<b>24.</b> Select an option...

Learn more with the Climate Resilience toolkit from the US Department of Health & Human Services: **[Primary Protection: Enhancing Health Care Resilience for a Changing Climate](#)** or the HCWH and PwC report **[Safe Haven in the Storm: Protecting lives and margins with climate-smart health care](#)**.

## Transportation

The transportation sector generates the largest share of greenhouse gas emissions in the United States, and is a major contributor to hazardous air pollution. Decreasing the emissions from transportation is critical to achieving US greenhouse gas reduction goals, improving air quality and community health, strengthening community relationships by collaborating with municipal transit networks, and engaging employees by encouraging them to choose healthier, more active transit alternatives. Transportation strategies in the areas of employee commute, fleet vehicle management, supply chain practices, facility siting, and building considerations are all instrumental to reduce the environmental impact of hospital transportation practices.

Learn more in Practice Greenhealth's **[Transportation Toolkit](#)**.

**25.** Is the facility actively working to reduce the impact of transportation on the environment and the local community, in alignment with Practice Greenhealth's **[Transportation Goals](#)**?

- ☐ Yes  
☐ No

**26.** Does the facility conduct an annual survey to collect mode of transportation by employees commuting to work?

- ☒ Yes  
☐ No

See a **[sample employee commute survey](#)**.

**26.a** Does the facility's employee commute survey include tracking estimated **vehicle miles traveled (VMT)** and/or **vehicle type** for employees commuting to work?

- ☐ Yes

☐ No

Practice Greenhealth can assist the facility in extrapolating and calculating GHG emissions from employee commute (Scope 3) if survey data captures VTM and vehicle type.

**27.** Does the facility purchase **green\* vehicles** for fleet use?

Select an option... ▾

For more information on definitions used by Practice Greenhealth's for \*green vehicles--or low-emitting and fuel-efficient vehicles, and alternate fuel vehicles (AFV), please see: **Transportation Definitions**.

**28.** Does the facility **participate in** or has the facility **implemented** any of the following:

- ☐ Monitor air quality and notify vulnerable patient populations
- ☐ Participate in regional transportation planning and/or maintain membership in a transportation management association
- ☐ Provide vouchers or subsidies for public transit, ride- and bike-sharing services
- ☐ Provide preferred parking for carpool participants and low-emission, fuel-efficient vehicles (hybrids, smart cars)
- ☐ Provide bike racks, bike paths, walkways, and shower facilities for alternative commuters
- ☐ Install electric vehicle charging stations
- ☐ Provide or outsource shuttle/vanpool, carpool or ride-sharing services
- ☐ Pay employees daily/monthly stipend for using alternative transit modes
- ☐ Offer telework, compressed work schedules to reduce employee commuting
- ☐ Adopt engine idling reduction practices and policies
- ☐ Encouraged or required suppliers to become an EPA SmartWay Shipper Partner to drive down Scope 3 GHGs from freight transportation
- ☒ Other

**28.a** Please describe other transportation programs in place:

**Other Climate Program Successes**

Please describe any other successes or innovations in the Climate program or projects at your facility in 2019 in the spaces provided below. Please feel free to provide commentary and/or attach a file.

**29.** Climate Program Success 1: Please describe

**30.** Please attach any additional documentation (optional) for Climate Program Success 1:

**31.** Climate Program Success 2: Please describe

**32.** Please attach any additional documentation (optional) for Climate program Success 2:

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