



Transportation

Introduction

The transportation sector generates the largest share of **greenhouse gas** emissions in the United States and is a major contributor to hazardous air pollution that can cause respiratory disease, asthma, pre-term birth, low birth weight, and other health impacts. 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, and supply chain practices are all instrumental to reduce the environmental impact of hospital transportation practices.

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

Fleet Vehicles

Many hospitals and health systems own, lease, or outsource fleet vehicles – including passenger and courier vehicles, ambulances, shuttles, vans, buses, light-duty, medium- and heavy-duty trucks – used to move patients, employees, and materials around health system network facilities. Developing a plan to transition fleet vehicles away from conventional fossil fuels toward low/zero-emission, alternative-fuel vehicles is a key strategy for reducing air pollution and greenhouse gases, as well as fuel and maintenance costs.

Please identify all fleet vehicles (owned and leased) in **Table A. Fleet Vehicles**. Practice Greenhealth will auto-calculate the **GHG** emissions from mobile fuel combustion from all fleet vehicles. Practice Greenhealth will also auto-calculate the **Percent Alternative-Fuel Fleet Vehicles** and **Percent New Alternative-Fuel Fleet Vehicles**.

For more information on alternative-fuel fleet vehicle criteria, please see: [Transportation Definitions](#).

***NEW in 2021:** Because owned and leased fleet vehicle emissions are allocated to two different scope emissions according to the **GHG** Protocol (owned fleet vehicles are tracked in **Scope 1** and leased fleet vehicles are tracked in **Scope 3**), these totals will be tracked separately and imported into the appropriate scope emissions on the Climate page.

***NEW in 2021:** If a fleet vehicle does not utilize a qualifying **alternative fuel** type, it will be counted as a **conventional vehicle**. If using E85 flex-fuel vehicles, select E85 as the fuel type and enter the sum of total gallons of all fuels, including gasoline, in that row. Do not double-count flex-fuel vehicles! Contact the Awards Technical Assistance Hotline (888-378-2259) or your Member Engagement Manager for further assistance.

Table A. Fleet Vehicles

Make/Model	Vehicle Type	Fuel Type	Number of vehicles	Purchased or leased	New purchase/lease in current year? (2020)	Annual Gallons of Fuel Used (total)	Greenhouse Gas Emissions
1.*	2.*	3.*	4.*	5.*	6.*	7.*	8.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>
9.*	10.*	11.*	12.*	13.*	14.*	15.*	16.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>
17.*	18.*	19.*	20.*	21.*	22.*	23.*	24.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>
25.*	26.*	27.*	28.*	29.*	30.*	31.*	32.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>
33.*	34.*	35.*	36.*	37.*	38.*	39.*	40.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>
41.*	42.*	43.*	44.*	45.*	46.*	47.*	48.*
<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	Select an option ▼	Select an option ▼	<input type="text"/>	<input type="text"/>

49.* <input type="text"/>	50.* Select an option	51.* Select an option	52.* <input type="text"/>	53.* Select an option	54.* Select an option	55.* <input type="text"/>	56.* <input type="text"/>
57.* <input type="text"/>	58.* Select an option	59.* Select an option	60.* <input type="text"/>	61.* Select an option	62.* Select an option	63.* <input type="text"/>	64.* <input type="text"/>
65.* <input type="text"/>	66.* Select an option	67.* Select an option	68.* <input type="text"/>	69.* Select an option	70.* Select an option	71.* <input type="text"/>	72.* <input type="text"/>

73.* Do you need **additional rows** to enter fleet vehicle data?

- ☒ Yes
☐ No

Make/Model	Vehicle Type	Fuel Type	Number of vehicles	Purchased or leased	Purchased in current year	Annual Gallons of Fuel Used	Greenhouse Gas Emissions
73.a* <input type="text"/>	73.b* Select an option	73.c* Select an option	73.d* <input type="text"/>	73.e* Select an option	73.f* Select an option	73.g* <input type="text"/>	73.h* <input type="text"/>
73.i* <input type="text"/>	73.j* Select an option	73.k* Select an option	73.l* <input type="text"/>	73.m* Select an option	73.n* Select an option	73.o* <input type="text"/>	73.p* <input type="text"/>
73.q* <input type="text"/>	73.r* Select an option	73.s* Select an option	73.t* <input type="text"/>	73.u* Select an option	73.v* Select an option	73.w* <input type="text"/>	73.x* <input type="text"/>
73.y* <input type="text"/>	73.z* Select an option	73.aa* Select an option	73.ab* <input type="text"/>	73.ac* Select an option	73.ad* Select an option	73.ae* <input type="text"/>	73.af* <input type="text"/>
73.ag* <input type="text"/>	73.ah* Select an option	73.ai* Select an option	73.aj* <input type="text"/>	73.ak* Select an option	73.al* Select an option	73.am* <input type="text"/>	73.an* <input type="text"/>
73.ao* <input type="text"/>	73.ap* Select an option	73.aq* Select an option	73.ar* <input type="text"/>	73.as* Select an option	73.at* Select an option	73.au* <input type="text"/>	73.av* <input type="text"/>
73.aw* <input type="text"/>	73.ax* Select an option	73.ay* Select an option	73.az* <input type="text"/>	73.ba* Select an option	73.bb* Select an option	73.bc* <input type="text"/>	73.bd* <input type="text"/>
73.be* <input type="text"/>	73.bf* Select an option	73.bg* Select an option	73.bh* <input type="text"/>	73.bi* Select an option	73.bj* Select an option	73.bk* <input type="text"/>	73.bl* <input type="text"/>
73.bm* <input type="text"/>	73.bn* Select an option	73.bo* Select an option	73.bp* <input type="text"/>	73.bq* Select an option	73.br* Select an option	73.bs* <input type="text"/>	73.bt* <input type="text"/>

74.* Are all of the facility's leased and purchased **fleet vehicles** (conventional and alternative-fuel) captured in the table above?

- ☐ Yes
☒ No

74.a* Please indicate all applicable reasons why all vehicles could not be included:

- ☐ Unable to separate out fuel use for vehicles shared with other facilities or within system
☐ Not enough rows in tables
☐ Vehicles are in categories not available in table
☐ Have not done complete vehicle inventory
☐ Information not available
☐ Other

Table B1. Scope 1 and Scope 3 GHG Emissions from Fleets

	Baseline year (MTCO2e)	Previous year (MTCO2e)	Current year (MTCO2e)	Percent Reduction from Baseline Year	Percent Reduction from Previous Year
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GHG emissions from <u>purchased</u> fleet vehicles in MTCO ₂ e (Scope 1)	75.* <input type="text"/>	76.* <input type="text"/>	77.* <input type="text"/>	78.* <input type="text"/>	79.* <input type="text"/>
GHG emissions from <u>leased fleet</u> vehicles in MTCO ₂ e (Scope 3)	80.* <input type="text"/>	81.* <input type="text"/>	82.* <input type="text"/>	83.* <input type="text"/>	84.* <input type="text"/>

Table B2. Alternative-Fuel Fleet Metrics

	Number of alternative fuel fleet vehicles	Total number of fleet vehicles	Percent of vehicles using alternative fuel
ALL fleet vehicles	85.* <input type="text"/>	86.* <input type="text"/>	87.* <input type="text"/>
NEW fleet vehicles	88.* <input type="text"/>	89.* <input type="text"/>	90.* <input type="text"/>

EV Sharing Infrastructure

91.* Has the facility installed **EV Charging Stations**?☒ Yes☐ No

Table C. EV Charging Stations

Qty type 1 EV chargers (120-volt)	Qty type 2 EV chargers (240-volt)	Qty direct current (DC) "fast" chargers (480-volt)
91.a* <input type="text"/>	91.b* <input type="text"/>	91.c* <input type="text"/>

Telehealth

Lower costs, reduced inconvenience, and better access to health services are all benefits of **telehealth**, (or virtual outpatient health visits provided via teleconferencing technologies). **Telehealth** also reduces **facility transportation emissions** associated with in-person patient visits, and can result in **lower cancellation rates and improved patient satisfaction** scores. While many **outpatient visits** involve diagnostic testing such as lab draws, imaging, or other on-site services, other types of visits (wellness visits, pre-surgery assessments, consults) can be performed virtually with telephone, video and teleconferencing services.

92.* Does the facility provide **telehealth** services?☒ Yes☐ NoTable D. **Telehealth** VisitsPlease indicate how many total **telehealth** visits were made in the baseline year 2019 and current year 2020.

	Baseline year (2019)	Current year (2020)
Number of annual telehealth visits	92.a* <input type="text"/>	92.b* <input type="text"/>
Total outpatient visits	92.c* <input type="text"/>	92.d* <input type="text"/>
Percent of telehealth visits to total outpatient visits	92.e* <input type="text"/>	92.f* <input type="text"/>
Percent increase in % of telehealth visits	92.g* <input type="text"/>	

*Practice Greenhealth is evaluating how best to measure the environmental benefits of **telehealth**. These indicators may be used to assess incremental progress at a facility but due to distinct variations in how **outpatient visits** are tracked, it should not be used for comparison between facilities at this point. This is not a measured metric on the 2021 awards application.

93.* Did the facility (or outside authority) **require eligible outpatient visits be delivered via telehealth** for any period of time in the past year due to the COVID-19 pandemic?

- ☒ Yes
☐ No

93.a* Please indicate the total length of time the facility (or outside authority) required a **telehealth** approach for eligible **outpatient visits** over the past year:

- ☐ 0-2 weeks
☐ 2-4 weeks
☐ 4-6 weeks
☐ Longer than 6 weeks total
☒ Other

93.a.a* Please describe other period of time or strategy for **telehealth** visits:

Supply Chain and Transportation

Globally, the health care supply chain accounts for more than 70% of the health care sector's footprint. The 17.6% of US GDP spent on the health care sector can be leveraged to reduce **GHG** emissions through efficiencies in transportation and distribution of **materials and supplies**. To move freight more efficiently, **EPA SmartWay Partner** distributors/suppliers/carriers use less fuel--generating fewer emissions, which can result in lower distribution costs and environmental impacts.

94.* Does the facility include **EPA SmartWay Partnership** in its **vendor selection criteria** for distributors/suppliers/carriers?

- ☒ Yes
☐ No

How many of the facility's Top 10 distributors/suppliers/carriers (by annual expenditure) are **EPA SmartWay partners**?

Number of top 10 distributors/suppliers/carriers that are EPA SmartWay partners	Percent of top 10 distributors/suppliers/carriers that are EPA SmartWay partners
94.a* <input type="text"/>	94.b* <input type="text"/>

Employee Commute

American employees spend, on average, **200 hours a year commuting to work**, and 3/4 of these commuters drive to work alone. Understanding and influencing how employees travel to and from work via an employee commute survey is the first step in setting a target for reducing this **Scope 3** emission source. Employee commute surveys and data collection may be self-administered or administered by local, regional and state transit authorities, non-profit organizations, and business partners. See a **Sample Employee Commute Survey** as a starting point.

95.* 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**.

In the table below, please enter the total number of drive alone (or single occupancy vehicle--SOV) trips identified from the employee commute survey for the baseline and current award year. Then enter the total number of ALL commute trips identified from the employee commute survey for baseline and current award year. This allows Practice Greenhealth to calculate the **Percent Reduction in SOV Commute Trips**.

Annual number of commute trips	Baseline year	Previous year	Current year
Single occupancy (drive alone) commute trips	95.a* SOV trips baseline <input type="text"/>	95.b* SOV trips previous <input type="text"/>	95.c* SOV trips current <input type="text"/>
Total commute trips	95.d* Total commute trips baseline <input type="text"/>	95.e* Total commute trips previous <input type="text"/>	95.f* Total commute trips current <input type="text"/>
Single occupancy vehicle (drive alone) rate	95.g* SOV rate baseline <input type="text"/>	95.h* SOV rate previous <input type="text"/>	95.i* SOV rate current <input type="text"/>

Percent reduction in SOV commute trips from baseline year	Percent reduction in SOV commute trips from previous year
95.j* % reduction in SOV rate from baseline 0	95.k* % reduction in SOV rate from previous 0

Telework

Telework is a work arrangement between employer and employee that allows an employee to perform work, during any part of regular, paid hours, at an approved alternative worksite (e.g., home or other remote **telework** center). While many employees have job responsibilities that require them to be on-site at the health care facility, other employees with non-clinical, administrative, and ancillary support positions may be appropriate candidates for **telework**. Supporting **telework** options for eligible employees is an effective emissions reduction strategy adopted by 44% of Practice Greenhealth members in 2019. A facility can significantly reduce the **Scope 3** employee commute emissions by providing **telework** options.

96.* Did the facility direct any non-clinical, administrative or ancillary staff to **telework** for any period of time during the COVID-19 pandemic?

☒ Yes

☐ No

96.a* Please indicate the **total length of time** the facility required a **telework** approach due to COVID over the past year:

☐ 0-2 weeks

☐ 2-4 weeks

☐ 4-6 weeks

☐ Longer than 6 weeks total

☐ Other

96.b* Please describe mandatory **telework** protocol that resulted from the COVID pandemic and whether you anticipate **telework** continuing for any set of workers post-COVID:

How many full-time equivalent (FTE) employees worked remotely in 2019 (baseline year) and 2020 (current year)?

	Baseline year (2019)	Current year (2020)
Total number of FTEs who telework	97.* <div></div>	98.* <div></div>
Total FTEs	99.* <div></div>	100.* <div></div>
Percent of FTEs who telework	101.* 0 <div></div>	102.* 0 <div></div>
Percent increase in % of FTEs who telework	103.* 0 <div></div>	

Other Transportation Program Successes

Please describe any other successes or innovations in the Transportation program or projects at your facility in 2020 in the spaces provided below. Please feel free to provide commentary and/or attach a file.

104.* Transportation Program Success 1: Please describe

105.* Please attach any additional documentation (optional) for Transportation Program Success 1:

106.* Transportation Program Success 2: Please describe

107.* Please attach any additional documentation (optional) for Transportation Program Success 2:

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