



## Greenhouse Gas Emissions

2024

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Version 1

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## Who We Are

Northern Light Health is an integrated healthcare delivery system, located in the State of Maine. Northern Light and its subsidiaries provide a broad range of healthcare and related services throughout Maine. We are a non-profit organization comprised of ten member hospitals, primary care locations, cancer care, continuing care facilities, home health/hospice services, a multi-branch retail pharmacy, occupational health clinics, emergency and medical transport, as well as the “home office” system entities. Our more than 10,000 employees provide care and services to hundreds of thousands of patients in Maine.

As a major provider of healthcare services to the people of Maine and a leader in the health and wellness field, we are taking steps to minimize our environmental impact while providing excellent care in a sustainable manner. While uncoordinated efforts to decrease environmental impacts and increase climate resiliency have been in progress for years, Northern Light Health formalized its commitment to these efforts in 2022, with the formation of an employee-driven Climate Health team, and again in 2023 when we signed the U.S.

Department of Health and Human Services Health Sector Climate Pledge to reduce Scope 1 and 2 emissions 50% by 2030 and achieve net zero emissions by 2050. The greenhouse gas emissions estimates contained within this document are for calendar year 2024. Our baseline year for the purposes of emissions accounting and evaluating our progress toward carbon neutrality is 2021, and our baseline year emissions estimate is also publicly available.

For the purposes of greenhouse gas accounting, we are publishing our best estimates of greenhouse gas emissions from the following Northern Light Health member organizations, as well those of the System.

**Northern Light Acadia Hospital (Acadia)** is an acute care, short stay psychiatric hospital located in Bangor, Maine, and provides a full continuum of mental and behavioral health services for children, teens, and adults. A subsidiary, Northern Light Acadia Healthcare, provides an alcohol and drug treatment program, adult and children’s case management services, school-based services, employee assistance programs, mental health services integrated within primary care practices, and other mental health community services. Acadia is one of few Maine hospitals designated solely to psychiatric health, and as such, serves the majority of the State of Maine. In 2024, Acadia had 90 staffed beds (annual average), and the equivalent of 541 full-time employees. Throughout 2024, a significant hospital expansion project was underway.

**Northern Light A.R. Gould Hospital (A.R. Gould)** is a community hospital in Presque Isle, with family and specialty practices in Caribou, Fort Fairfield and Presque Isle, Maine, as well as Northern Light Continuing Care Mars Hill, a 72-bed facility providing long-term care, skilled nursing, and rehabilitation services in Mars Hill, Maine. A. R. Gould’s primary service area is comprised of communities in rural and geographically-isolated Aroostook County in Northern Maine. In 2024, A. R. Gould had 53 staffed beds (annual average), and the equivalent of 662 full-time employees.

**Northern Light Blue Hill Hospital (Blue Hill)** is a critical access hospital located in Blue Hill, with family and specialty practices in Blue Hill, Castine, Stonington, and Bucksport. Blue Hill’s service area is the peninsular region of Hancock County, which includes remote coastal towns and island communities, as well as tourists

and seasonal residents. In 2024, Blue Hill had 10 staffed beds, and the equivalent of 148 full-time employees. In early 2024, construction of a new hospital and demolition of the old hospital was completed.

**Northern Light CA Dean Hospital (C. A. Dean)** is a critical access hospital in Greenville, Maine, and has family and specialty practices in Greenville, Monson, and Sangerville. C.A. Dean serves the residents of remote, rural areas in northern Somerset and Piscataquis counties, as well as tourists and seasonal residents in the Moosehead Lake/North Woods region. In 2024, C. A. Dean had 15 staffed beds (annual average), and the equivalent of 97 full-time employees. In early 2024, construction of a hospital expansion project was completed.

**Northern Light Eastern Maine Medical Center (EMMC)** is an acute care tertiary medical center located in Bangor, Maine, which provides a variety of inpatient and ambulatory healthcare services. Our system's flagship facility, EMMC and its staff provide primary, specialty, and intensive care services in the Bangor area, and is a level II trauma center that serves communities throughout central, eastern, and northern Maine. Primary and specialty services are offered in Bangor, Orono, Brewer, and Hampden. In 2024, EMMC had 399 staffed beds (annual average), and the equivalent of 2928 full-time employees.

**Northern Light Inland Hospital (Inland)** is a community hospital located in Waterville, Maine, with primary and specialty care physician offices in Waterville, Oakland, Unity, and Madison, and a continuing care center (**Lakewood**) on the Inland campus. Inland serves predominantly eastern Kennebec, Somerset, and Waldo Counties, including densely settled and rural areas. In 2024, Inland had 35 staffed beds (annual average), and the equivalent of 278 full-time employees. In 2024, Lakewood was a 105-bed facility, and had the equivalent of 89 full-time employees.

**Northern Light Maine Coast Hospital (Maine Coast)** is an acute care hospital located in Ellsworth, Maine, with primary and specialty practices in Ellsworth, Gouldsboro, Southwest Harbor, and Somesville. Maine Coast provides emergency, primary and specialty care, acute inpatient, diagnostic, and surgical services. Maine Coast Hospital serves Hancock and western Washington Counties; coastal areas that are home to both rural communities and prime vacation destinations. In 2024, Maine Coast had 45 staffed beds (annual average), and the equivalent of 369 full-time employees.

**Northern Light Mayo Hospital (Mayo)** is a critical access hospital located in Dover-Foxcroft, Maine, and has family and specialty practices in Corinth, Dexter, Dover-Foxcroft, and Milo. Mayo Hospital provides advanced medical services to Piscataquis, Penobscot, and Somerset counties, which are also popular locations for vacation homes and tourists. In 2024, Mayo had 25 staffed beds (annual average), and the equivalent of 255 full-time employees.

**Northern Light Mercy Hospital (Mercy)** is an acute care hospital in Portland, Maine, and is a sponsored ministry of the Sisters of Mercy of the Americas. Mercy Hospital provides inpatient and outpatient medical and surgical, care, and has family and specialty practices in Portland, South Portland, Yarmouth, Falmouth, Windham, and Gorham. Located in Maine's largest city, Mercy provides care in Maine's most densely populated and culturally diverse region, with its primary service area being Cumberland and eastern York Counties. In 2024, Mercy had 77 staffed beds (annual average), and the equivalent of 1090 full-time employees.

**Northern Light Seabasticook Valley Hospital (SVH)** is a critical access hospital located in Pittsfield, Maine, and has family and specialty practices in Pittsfield, Newport, and Clinton. SVH serves a largely rural area in central Maine, including areas of parts of Somerset and Penobscot Counties primarily, and Kennebec and Waldo Counties secondarily. In 2024, SVH had 25 staffed beds (annual average), and the equivalent of 196 full-time employees.

**Northern Light Health Home Office (Home Office)** provides shared administrative services at the system level to all member organizations of Northern Light Health. The Home Office functions out of the Cianchette Building in Brewer, Maine, and also has employees based around the state at system locations and working remotely.

For the purposes of greenhouse gas accounting in this document, the Home Office figures also include those of the following Northern Light Health entities:

**Northern Light Work Health (Work Health)** provides occupational and workplace healthcare services. Work Health currently has seven clinics located in Bangor, Dover-Foxcroft, Ellsworth, Pittsfield, Portland, and Presque Isle.

**Northern Light Health Foundation (Foundation)** holds and manages funds without donor restrictions and funds with donor restrictions for the benefit of various Northern Light Health companies and other exempt organizations in Maine. The Foundation has dedicated employees located across the

In 2024, the Home Office, inclusive of the entities noted above, had the equivalent of 690 full-time employees.

**Northern Light Home Care & Hospice (Home Care & Hospice)** provides home health, inpatient and community-based hospice, telehealth, palliative care, and community health services statewide, with home care locations in South Portland, Waterville, Ellsworth, Bangor, Presque Isle, and Fort Kent. Home Care & Hospice employees made 138,746 home health visits and 45,351 hospice visits in 2024. Home Care & Hospice also plans and staffs immunization clinics, adult health clinics, and education and awareness events for all ages, across the State of Maine. In 2024, Home Care & Hospice had the equivalent of 341 full-time employees.

**Northern Light Pharmacy** operates retail pharmacies in Bangor, Brewer, Ellsworth, Waterville, and Portland. Northern Light Pharmacy also operates a division that provides mail order and specialty medications and maintains a small fleet of delivery vehicles. In 2024, Northern Light Pharmacy had the equivalent of 93 full-time employees.

**Northern Light Medical Transport (Medical Transport)** provides emergency ambulance services to several communities and rural areas in Maine. Medical Transport also provides non-emergency ambulance and wheelchair transportation to destinations throughout New England. Medical Transport operates several ambulances, including a dedicated neonatal transport vehicle and a critical care transport ambulance. For the purposes of greenhouse gas accounting, much of NLMT's Scope 1 and 2 emissions are rolled into those of other Northern Light member organizations where they are physically based. In 2024, Medical Transport had the equivalent of 56 full-time employees.

## Scope Notes

Northern Light Health has adopted the International Greenhouse Gas Protocol Corporate Standard ([Corporate Standard | GHG Protocol](#)) as our framework for emissions analysis and have defined our scope and metrics accordingly. We have defined our scope using the “control” approach which includes organizations and entities over which we have direct control.

LifeFlight of Maine, a statewide air ambulance service that is a partner of Northern Light Health, is excluded from our System emissions accounting, as they have independent oversight and so do not fall under NLH’s direct control.

In 2021, Affiliated Laboratories, Inc was a subsidiary organization providing medical laboratory services to Northern Light Health. In December 2022 NLH lab functions were acquired by Quest Diagnostics, an entity external to Northern Light Health and outside Northern Light’s direct control. To the extent that the laboratory facilities are housed at Northern Light Health properties, the Scope 1 and 2 emissions associated with them are included in our emissions accounting, but much of their Scope 3 emissions are not estimated here, as Quest has financial oversight of the supply chain, employees, etc.

In 2023, Northern Light Health embarked upon a strategic partnership with Optum, Inc to transfer management of multiple administrative services. Optum is an entity external to Northern Light Health and outside Northern Light’s direct control. To the extent that these administrative functions are housed and completed at Northern Light Health properties, the much of the emissions associated with them are included in our emissions accounting, but some of their Scope 3 emissions are not estimated here, as Quest has financial oversight of those employees.

In 2024, Northern Light Health announced a collaboration with Compass One Healthcare to transfer operations of hospital-based environmental services and food and nutrition services to Compass One on January 1, 2025. This will result in approximately 500 Northern Light employees being rebadged as Compass One employees. Compass One Healthcare is an entity external to Northern Light Health and outside Northern Light’s direct control, but the employees and functions managed transferring to Compass One were under the direct control of Northern Light in 2024. Greenhouse gas emissions associated with those employees and functions are included within the estimates in this document but may not be included in Northern Light’s emissions accounting in the same way in future years.

## Calculation Notes

Emissions reported in this document have been predominantly estimated using the Health Care Emissions Impact Calculator tool made available to organizational members of Practice Greenhealth (<https://practicegreenhealth.org>). Use of this calculator tool has been attributed in the notes as “Practice Greenhealth Calculator”. Calculations performed outside of the calculator tool are explained in the notes, with methodology and source references as applicable.

In one case, greenhouse gas emissions data sources are only available at the system level, not at the individual member organization level. Those have been reported and annotated accordingly in the “Additional System-level Emissions” section.

Emissions are summarized below, rounded to the nearest MT CO<sub>2</sub>e, but are calculated to at least the hundredth's place. For this reason, the summaries may not appear to sum exactly from the rounded numbers, but the summaries are accurate.

# Northern Light Acadia Hospital

## Scope 1

Heating/Cooling: 756 MT CO<sub>2</sub>e

Mobile Combustion: 7 MT CO<sub>2</sub>e

Fugitive Emissions: 0 MT CO<sub>2</sub>e

**Scope 1 Total: 763 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 434 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 952 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 382 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 20 MT CO<sub>2</sub>e

Category 5, Waste: 81 MT CO<sub>2</sub>e

Category 6, Business Travel: 12 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 650 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 2 MT CO<sub>2</sub>e

Category 9, Patient Visits: 927 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 10 MT CO<sub>2</sub>e

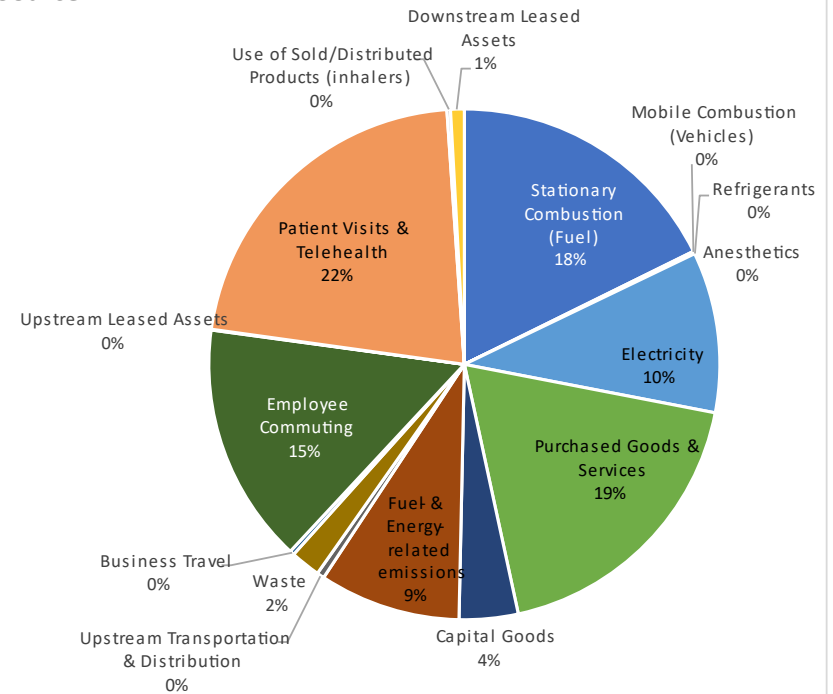
Category 13, Downstream Leased Assets: 37 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

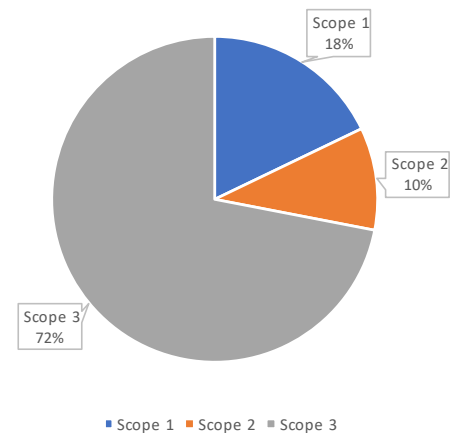
**Scope 3 Total: 3,073 MT CO<sub>2</sub>e**

**Northern Light Acadia Hospital Total: 4,270 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**





## Northern Light Acadia Hospital Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Acadia Hospital properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Acadia properties in 2024, and the kWh generated from renewables, proportionally.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.

3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Acadia properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes estimates calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

## Northern Light Acadia Hospital Notes, continued

3.D.b. Recyclable paper processed by SOS are reported in 2021 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits"

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Acadia are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets data collected from internal records. Emissions calculated using Practice Greenhealth calculator.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light A. R. Gould Hospital

## Scope 1

Heating/Cooling: 3,390 MT CO<sub>2</sub>e

Mobile Combustion: 231 MT CO<sub>2</sub>e

Fugitive Emissions: 155 MT CO<sub>2</sub>e

**Scope 1 Total: 3,776 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 1,800 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 4,479 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 1,104 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 62 MT CO<sub>2</sub>e

Category 5, Waste: 206 MT CO<sub>2</sub>e

Category 6, Business Travel: 24 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 836 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 2,327 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 30 MT CO<sub>2</sub>e

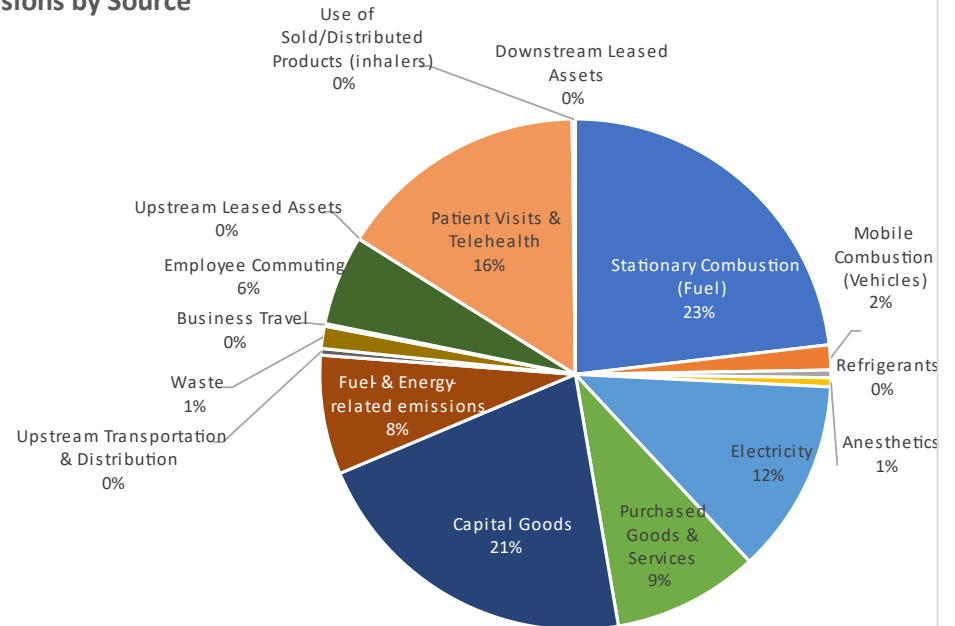
Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

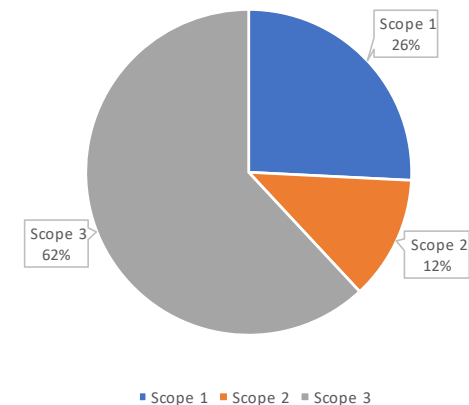
**Scope 3 Total: 9,068 MT CO<sub>2</sub>e**

**Northern Light A. R. Gould Hospital Total: 14,644 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**



## Northern Light A. R. Gould Hospital Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 1.D. Scope 1 Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
  - 2.A.a. A.R. Gould is part of a Canadian electrical grid. For the purposes of estimating with the Practice Greenhealth calculator, the NEWE NPCC grid was selected to make the formulae work, but since the Canadian grid sources predominantly renewable hydroelectric power, A.R. Gould's Scope 2 emissions are likely overestimated here.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volume estimates calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>
    - 3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

## Northern Light A. R. Gould Hospital Notes, continued

3.D.b. Recyclables processed by SOS are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Scope 3 Category 6 Business Travel data collected from internal records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets; no data. All A.R. Gould's leased assets are included in Scopes 1 & 2.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at A.R. Gould are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. A.R. Gould has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Blue Hill Hospital

## Scope 1

Heating/Cooling: 258 MT CO<sub>2</sub>e  
 Mobile Combustion: 3 MT CO<sub>2</sub>e  
 Fugitive Emissions: 9 MT CO<sub>2</sub>e

**Scope 1 Total: 270 MT CO<sub>2</sub>e**

## Scope 2

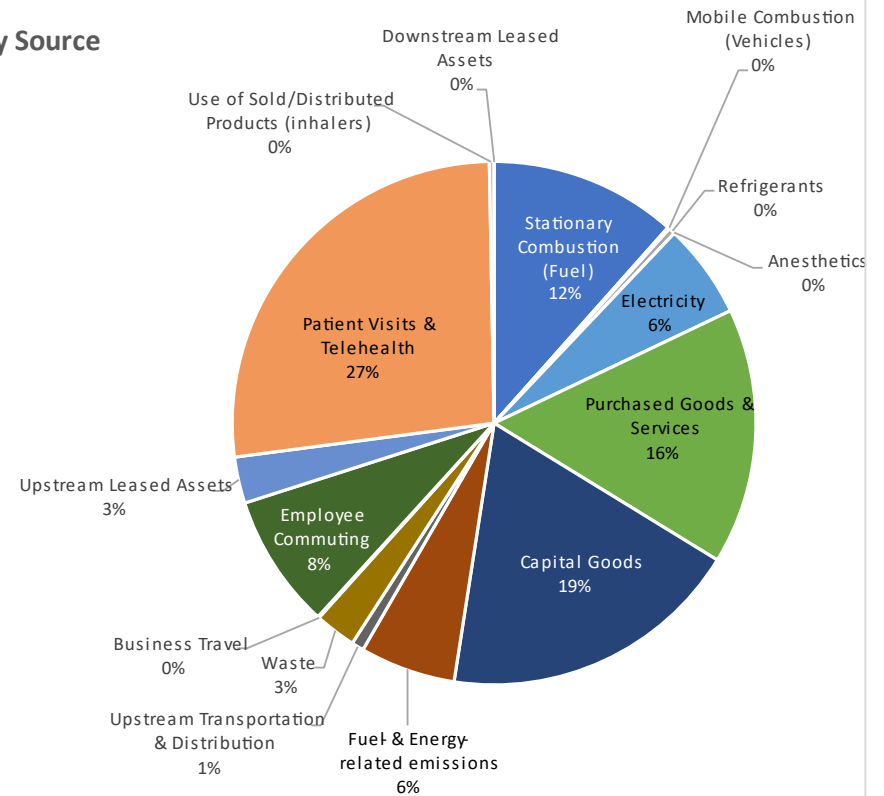
**Electricity: 131 MT CO<sub>2</sub>e**

## Scope 3

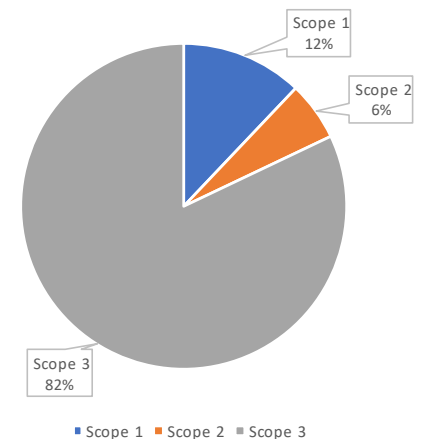
Category 1 & Category 2, Products, Goods & Services: 772 MT CO<sub>2</sub>e  
 Category 3, Fuel & Fuel-Related Activities: 132 MT CO<sub>2</sub>e  
 Category 4, Upstream Transportation & Distribution: 17 MT CO<sub>2</sub>e  
 Category 5, Waste: 57 MT CO<sub>2</sub>e  
 Category 6, Business Travel: 2 MT CO<sub>2</sub>e  
 Category 7, Employee Commuting: 186 MT CO<sub>2</sub>e  
 Category 8, Upstream Leased Assets: 64 MT CO<sub>2</sub>e  
 Category 9, Patient Visits: 599 MT CO<sub>2</sub>e  
 Category 11, Use of Sold Products: 7 MT CO<sub>2</sub>e  
 Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e  
 Category 15, Investments: 0 MT CO<sub>2</sub>e  
**Scope 3 Total: 1,836 MT CO<sub>2</sub>e**

**Northern Light Blue Hill Hospital Total: 2,237 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**



## Northern Light Blue Hill Hospital Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 1.D. Scope 1 Fugitive Emissions; Blue Hill Hospital had no emissions from the use of inhaled anesthetics in 2024.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
  - 2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Blue Hill Hospital properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at BHH properties in 2024, and the kWh generated from renewables, proportionally.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.
  - 3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by BHH properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

## Northern Light Blue Hill Hospital Notes, continued

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices and internal records were used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits"; there were more discharges than admissions in 2021, so this is a conservative estimate.

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Blue Hill Hospital are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>E per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Blue Hill Hospital has no downstream leased assets.



3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light C.A. Dean Hospital

## Scope 1

Heating/Cooling: 315 MT CO<sub>2</sub>e

Mobile Combustion: 26 MT CO<sub>2</sub>e

Fugitive Emissions: 47 MT CO<sub>2</sub>e

**Scope 1 Total: 388 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 195 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 497 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 129 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 13 MT CO<sub>2</sub>e

Category 5, Waste: 29 MT CO<sub>2</sub>e

Category 6, Business Travel: 5 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 131 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 22 MT CO<sub>2</sub>e

Category 9, Patient Visits: 338 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 2 MT CO<sub>2</sub>e

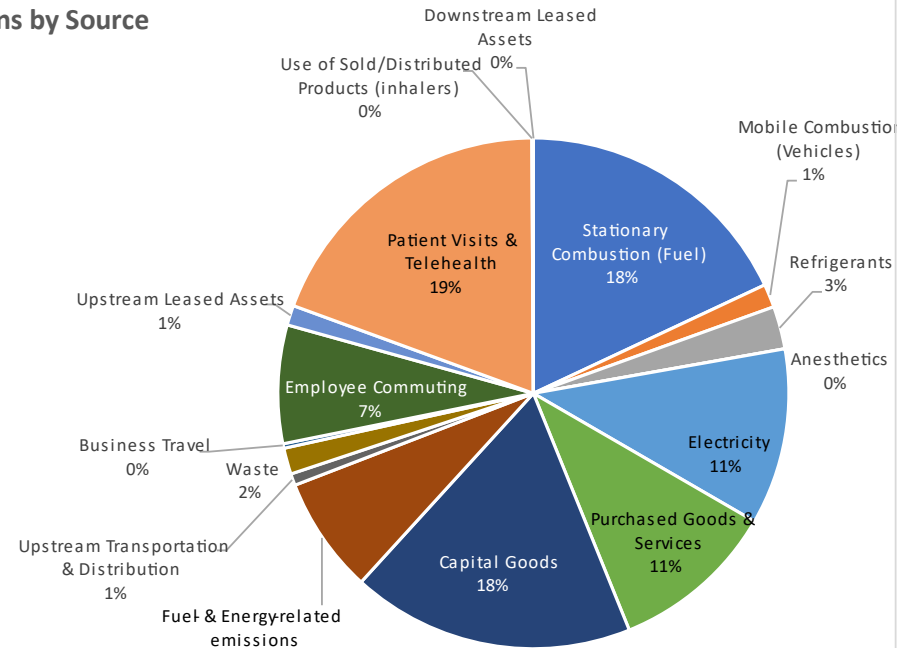
Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

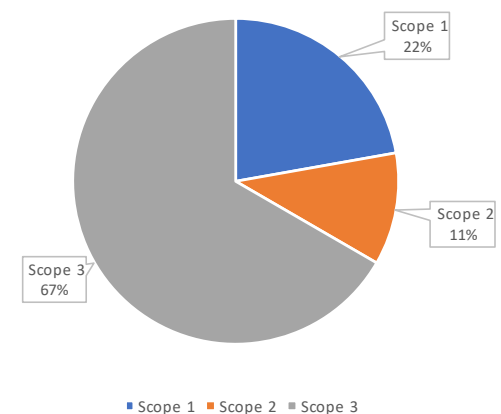
**Scope 3 Total: 1,166 MT CO<sub>2</sub>e**

**Northern Light C. A. Dean Hospital Total: 1,749 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**



## Northern Light C. A. Dean Hospital Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

1.D. Scope 1 Fugitive Emissions; C.A. Dean had no emissions from the use of inhaled anesthetics in 2024.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

## Northern Light C. A. Dean Hospital Notes, continued

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at C. A. Dean Hospital are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>E per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. C. A. Dean Hospital has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light EMMC

## Scope 1

Heating/Cooling: 25,979 MT CO<sub>2</sub>e

Mobile Combustion: 7 MT CO<sub>2</sub>e

Fugitive Emissions: 1,340 MT CO<sub>2</sub>e

**Scope 1 Total: 27,326 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 1,535 MT CO<sub>2</sub>e**

## Scope 3

Categories 1 & 2, Products, Goods & Services: 32,800 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 5,228 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 366 MT CO<sub>2</sub>e

Category 5, Waste: 847 MT CO<sub>2</sub>e

Category 6, Business Travel: 77 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 3,650 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 123 MT CO<sub>2</sub>e

Category 9, Patient Visits: 5,706 MT CO<sub>2</sub>e

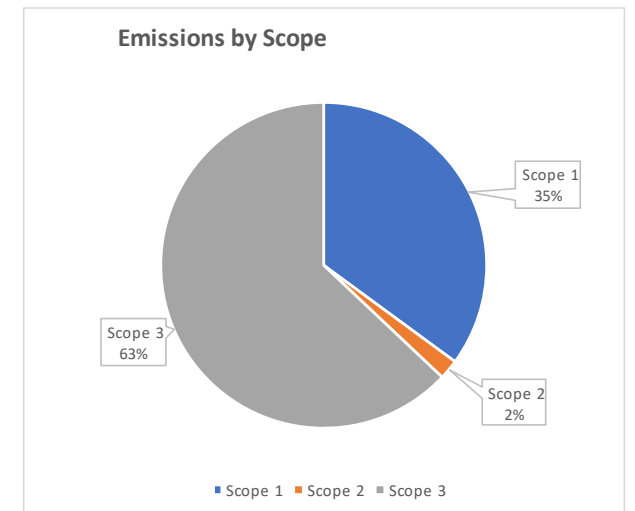
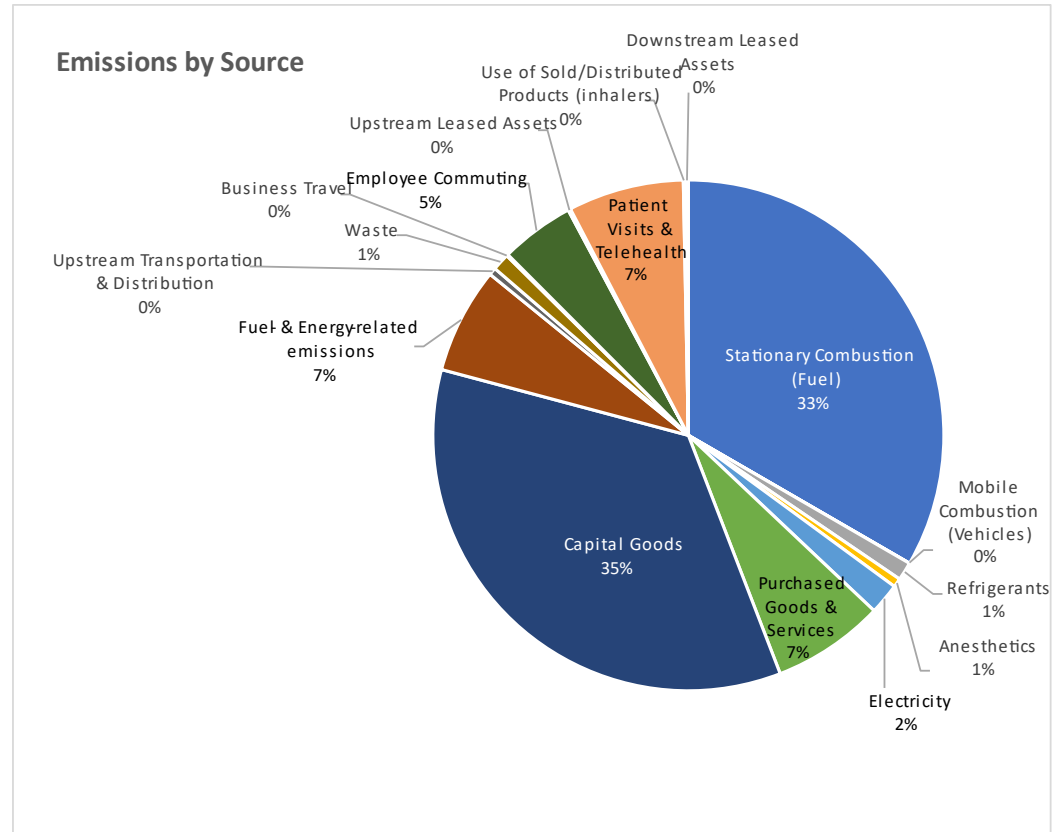
Category 11, Use of Sold Products: 116 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 130 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 49,043 MT CO<sub>2</sub>e**

**Northern Light EMMC Total: 77,904 metric tons CO<sub>2</sub>e**



## Northern Light Eastern Maine Medical Center Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 1.D. Scope 1 Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
  - 2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since EMMC properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at EMMC properties in 2024, and the kWh generated from renewables, proportionally.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.
  - 3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by EMMC properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

## Northern Light EMMC Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at EMMC are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets data collected from internal records. Emissions calculated using Practice Greenhealth calculator.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Home Care & Hospice

## Scope 1

Heating/Cooling: 132 MT CO<sub>2</sub>e

Mobile Combustion: 9 MT CO<sub>2</sub>e

Fugitive Emissions: 0 MT CO<sub>2</sub>e

**Scope 1 Total: 141 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 59 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 389 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 39 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 8 MT CO<sub>2</sub>e

Category 5, Waste: 10 MT CO<sub>2</sub>e

Category 6, Business Travel: 966 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 403 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 51 MT CO<sub>2</sub>e

Category 9, Patient Visits: 0 MT CO<sub>2</sub>e

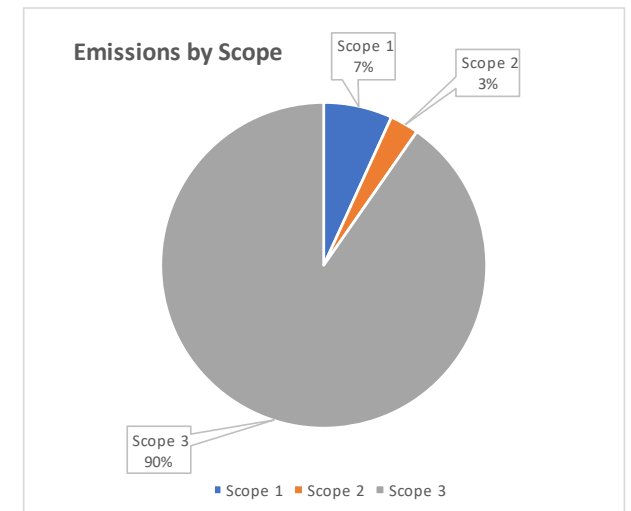
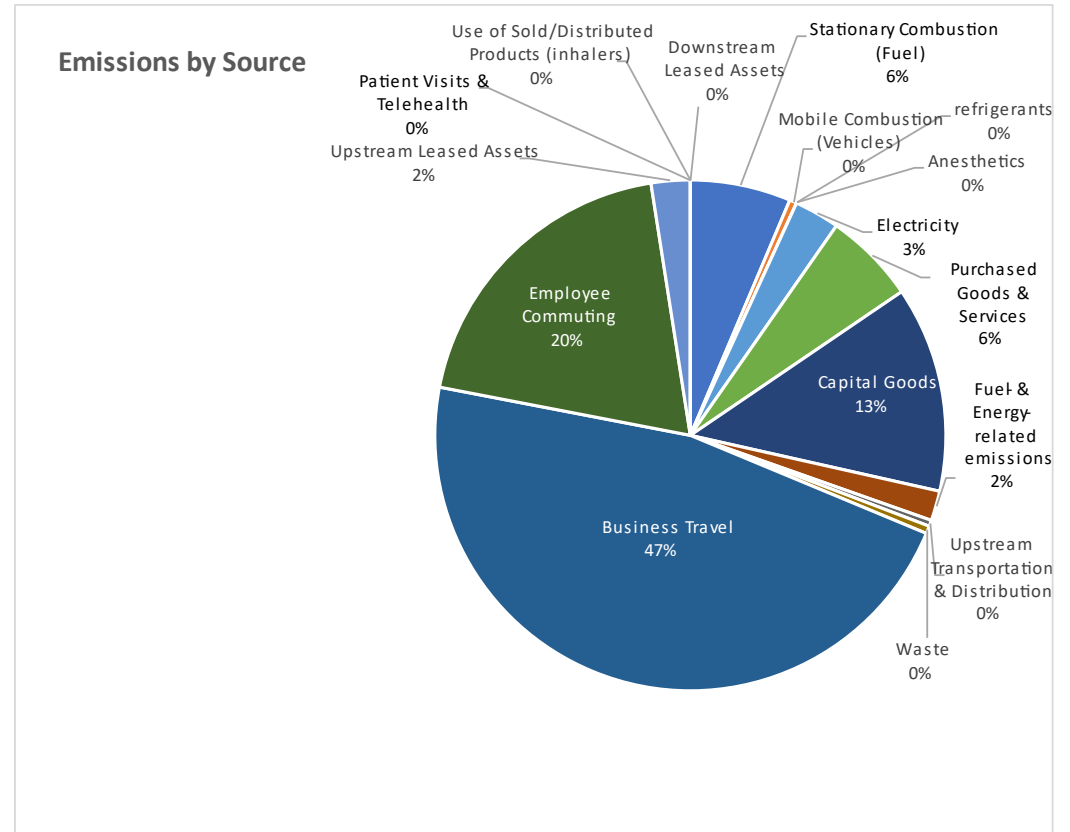
Category 11, Use of Sold Products: 0 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 1,866 MT CO<sub>2</sub>e**

**Northern Light Home Care & Hospice Total: 2,066 metric tons CO<sub>2</sub>e**





## Northern Light Home Care & Hospice Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
  - 1.B.a. Emissions from personal and rental vehicle use for business purposes is calculated in Scope 3 Category 6 Business Travel.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>
    - 3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.
  - 3.D.b. Recyclables processed by SOS are reported in 2024 Fiscal Year data, rather than Calendar Year.
  - 3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

## Northern Light Home Care & Hospice Notes, continued

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits emissions can be estimated, as patient home visits by Home Care & Hospice staff are tracked. However, these emissions are already being captured in the calculations for personal vehicle use for business purposes (see notes for Scope 3 Category 6, above), so they are not included in this section.

3.I. Scope 3 Category 11 Use of Sold Products; no data. Category 11 emissions at Northern Light Health are derived from distributed metered dose inhalers, and internal records indicate no inhalers distributed by Home Care & Hospice.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Home Care & Hospice has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Home Office

## Scope 1

Heating/Cooling: 699 MT CO<sub>2</sub>e  
 Mobile Combustion: 0 MT CO<sub>2</sub>e  
 Fugitive Emissions: 34 MT CO<sub>2</sub>e

**Scope 1 Total: 733 MT CO<sub>2</sub>e**

## Scope 2

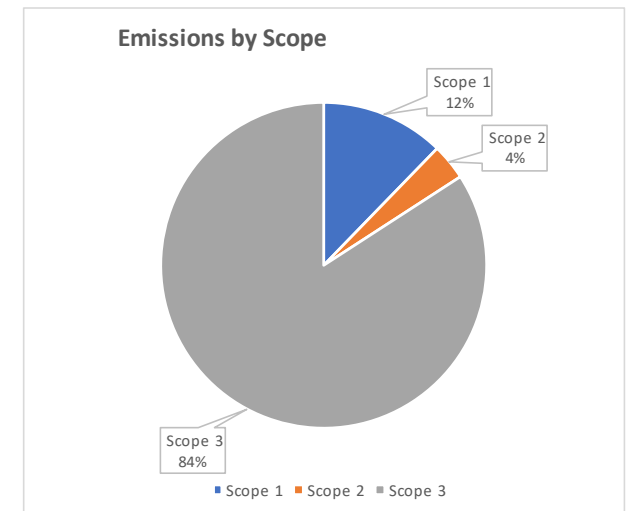
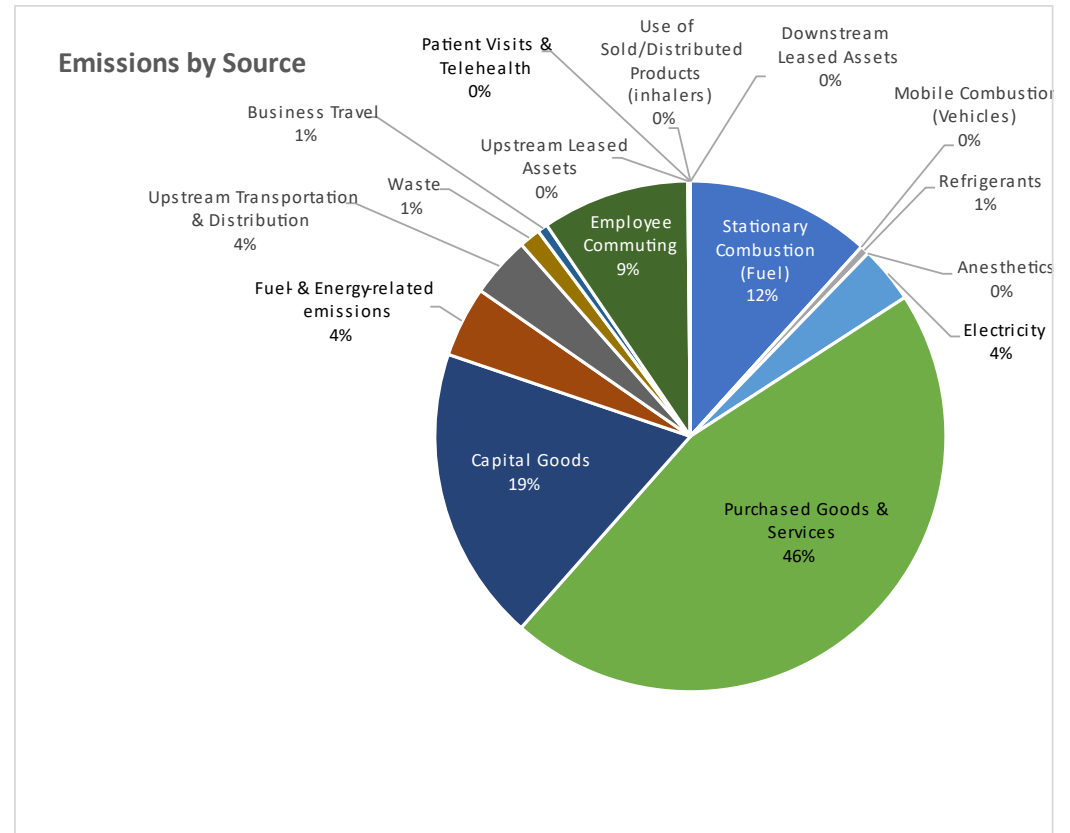
**Electricity: 214 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 3848 MT CO<sub>2</sub>e  
 Category 3, Fuel & Fuel-Related Activities: 267 MT CO<sub>2</sub>e  
 Category 4, Upstream Transportation & Distribution: 230 MT CO<sub>2</sub>e  
 Category 5, Waste: 80 MT CO<sub>2</sub>e  
 Category 6, Business Travel: 39 MT CO<sub>2</sub>e  
 Category 7, Employee Commuting: 558 MT CO<sub>2</sub>e  
 Category 8, Upstream Leased Assets: 10 MT CO<sub>2</sub>e  
 Category 9, Patient Visits: 0 MT CO<sub>2</sub>e  
 Category 11, Use of Sold Products: 0 MT CO<sub>2</sub>e  
 Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e  
 Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 5,032 MT CO<sub>2</sub>e**

**Northern Light Home Office Total: 5,980 metric tons CO<sub>2</sub>e**



## Northern Light Health Home Office Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Home Office properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Home Office properties in 2024, and the kWh generated from renewables, proportionally.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.

3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Home Office properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

## Northern Light Home Office Notes, continued

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits; no data. No patient visits occur at the Home Office.

3.I. Scope 3 Category 11 Use of Sold Products; no data. Category 11 emissions at Northern Light Health are derived from distributed metered dose inhalers, and internal records indicate no inhalers distributed by the Home Office.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. The Home Office has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Inland Hospital

## Scope 1

Heating/Cooling: 958 MT CO<sub>2</sub>e

Mobile Combustion: 11 MT CO<sub>2</sub>e

Fugitive Emissions: 56 MT CO<sub>2</sub>e

**Scope 1 Total: 1,025 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 617 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 1,570 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 478 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 26 MT CO<sub>2</sub>e

Category 5, Waste: 140 MT CO<sub>2</sub>e

Category 6, Business Travel: 8 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 379 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 1,346 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 20 MT CO<sub>2</sub>e

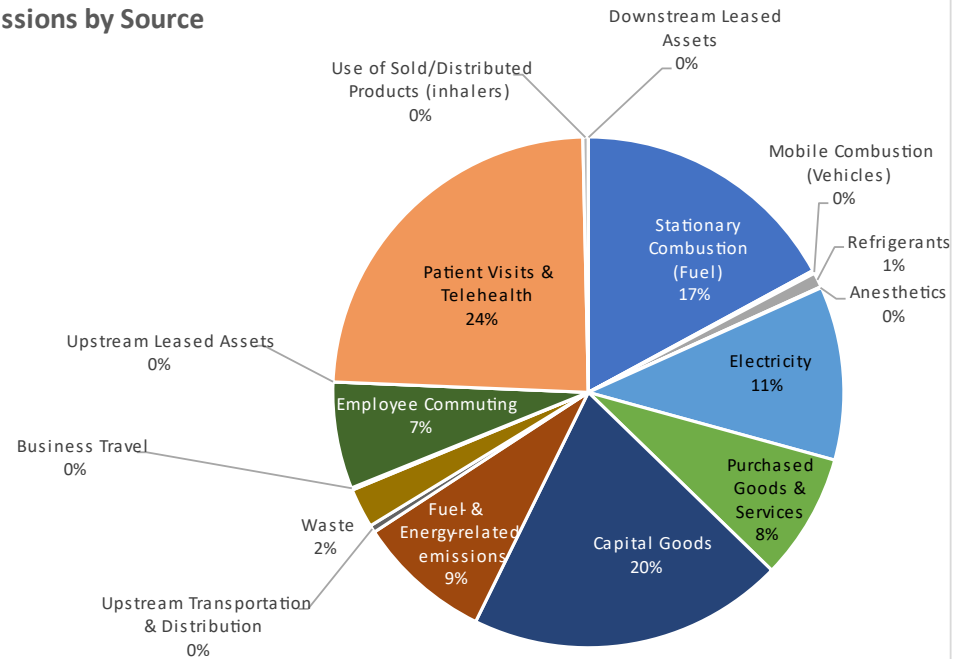
Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

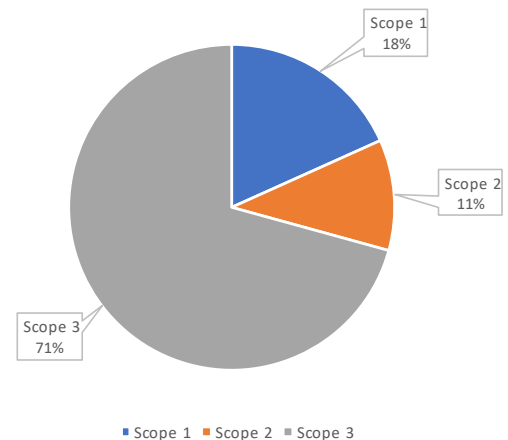
**Scope 3 Total: 3,967 MT CO<sub>2</sub>e**

**Northern Light Inland Hospital Total: 5,608 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**



## Northern Light Inland Hospital Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 1.D. Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
  - 2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Inland properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Inland properties in 2024, and the kWh generated from renewables, proportionally.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.
  - 3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Inland properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards, per Alex Siva at Casella.
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

## Northern Light Inland Hospital Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Inland are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Inland hospital has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).



# Northern Light Lakewood Cont. Care

## Scope 1

Heating/Cooling: 377 MT CO<sub>2</sub>e

Mobile Combustion: 3 MT CO<sub>2</sub>e

Fugitive Emissions: 2 MT CO<sub>2</sub>e

**Scope 1 Total: 382 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 174 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 585 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 126 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 3 MT CO<sub>2</sub>e

Category 5, Waste: 70 MT CO<sub>2</sub>e

Category 6, Business Travel: 0 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 124 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 1 MT CO<sub>2</sub>e

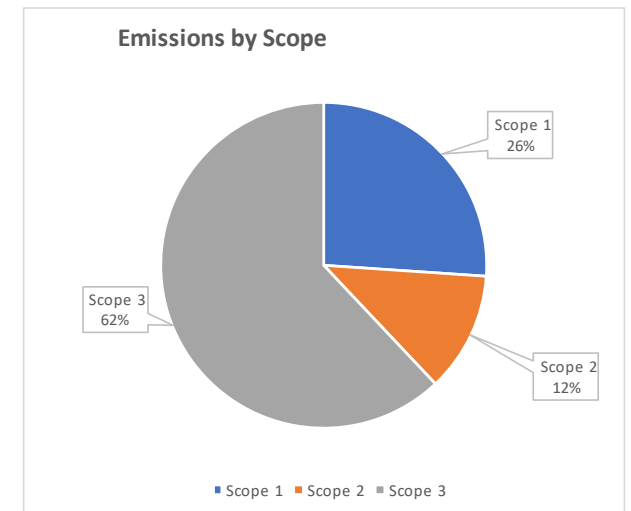
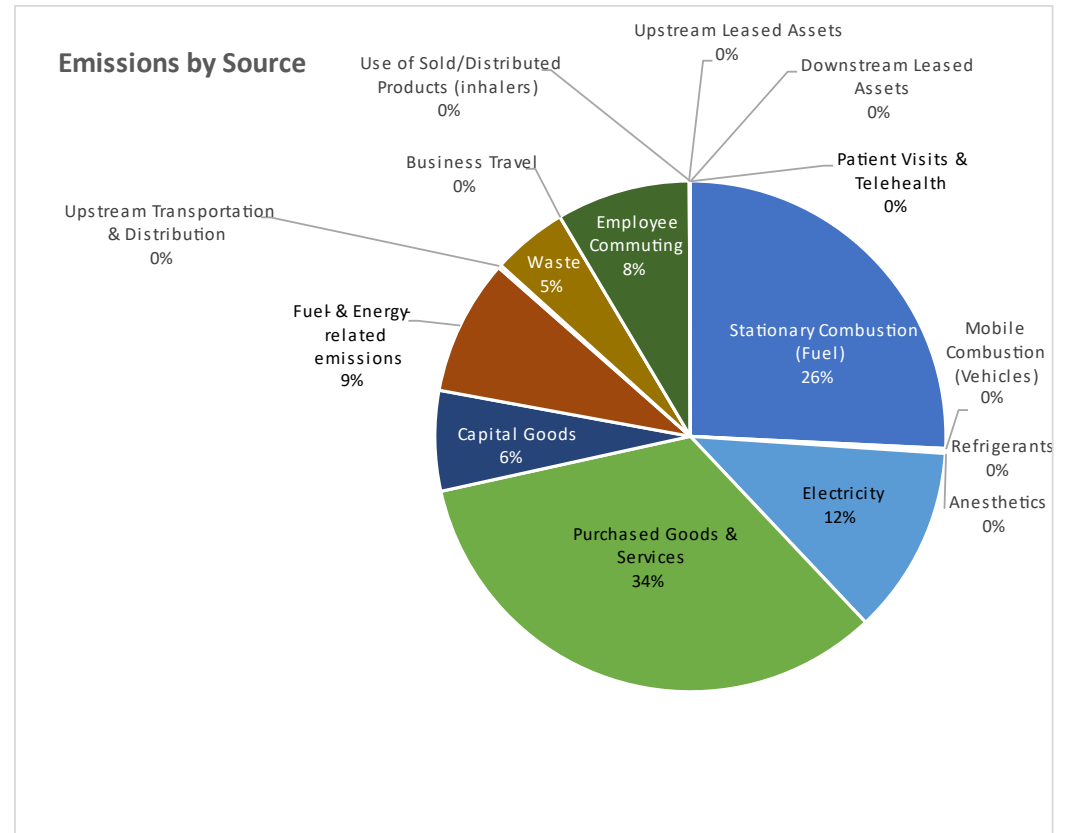
Category 11, Use of Sold Products: 0 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 909 MT CO<sub>2</sub>e**

**Northern Light Lakewood Total: 1,466 metric tons CO<sub>2</sub>e**



## Northern Light Lakewood Continuing Care Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>
    - 3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.
  - 3.D.b. Recyclables processed by SOS are reported in 2024 Fiscal Year data, rather than Calendar Year.
  - 3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

## Northern Light Lakewood Continuing Care Notes, continued

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets; no data. Lakewood has no upstream leased assets.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Long Term Care discharge data used as a proxy for “inpatient visits”.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products; no data. Category 11 emissions at Northern Light Health are derived from distributed metered dose inhalers, and internal records indicate no inhalers distributed by Lakewood, or that Lakewood’s MDI purchases are not separate from Inland Hospital’s.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Lakewood has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations)

# Northern Light Maine Coast Hospital

## Scope 1

Heating/Cooling: 1,860 MT CO<sub>2</sub>e

Mobile Combustion: 7 MT CO<sub>2</sub>e

Fugitive Emissions: 203 MT CO<sub>2</sub>e

**Scope 1 Total: 2,070 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 636 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 2,833 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 843 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 42 MT CO<sub>2</sub>e

Category 5, Waste: 138 MT CO<sub>2</sub>e

Category 6, Business Travel: 0 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 465 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 16 MT CO<sub>2</sub>e

Category 9, Patient Visits: 1,561 MT CO<sub>2</sub>e

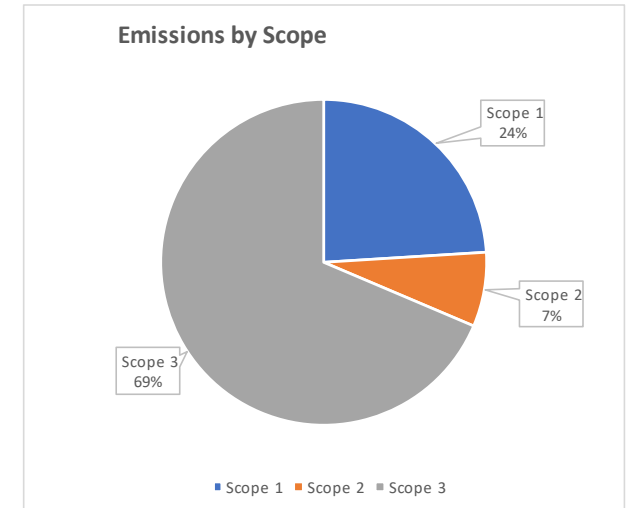
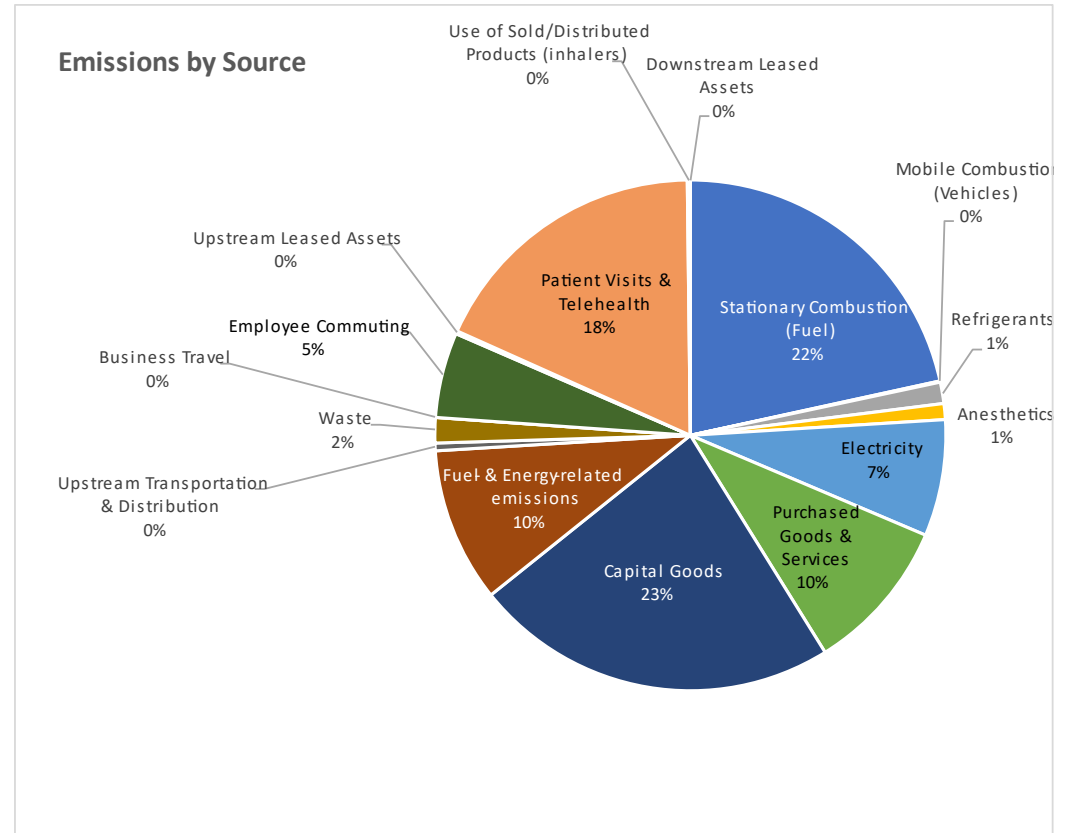
Category 11, Use of Sold Products: 16 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 5,914 MT CO<sub>2</sub>e**

**Northern Light Maine Coast Hospital Total: 8,621 metric tons CO<sub>2</sub>e**



## Northern Light Maine Coast Hospital Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

1.D. Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Maine Coast properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Maine Coast properties in 2024, and the kWh generated from renewables, proportionally.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.

3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Maine Coast properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

## Northern Light Maine Coast Hospital Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.c. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.d. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Maine Coast Hospital are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>E per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Maine Coast Hospital has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Mayo Hospital

## Scope 1

Heating/Cooling: 1,480 MT CO<sub>2</sub>e

Mobile Combustion: 210 MT CO<sub>2</sub>e

Fugitive Emissions: 12 MT CO<sub>2</sub>e

**Scope 1 Total: 1,703 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 462 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 1,352 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 660 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 19 MT CO<sub>2</sub>e

Category 5, Waste: 95 MT CO<sub>2</sub>e

Category 6, Business Travel: 15 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 330 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 913 MT CO<sub>2</sub>e

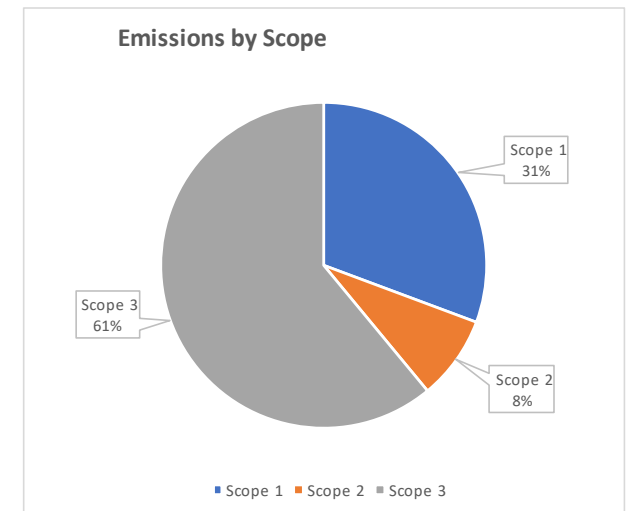
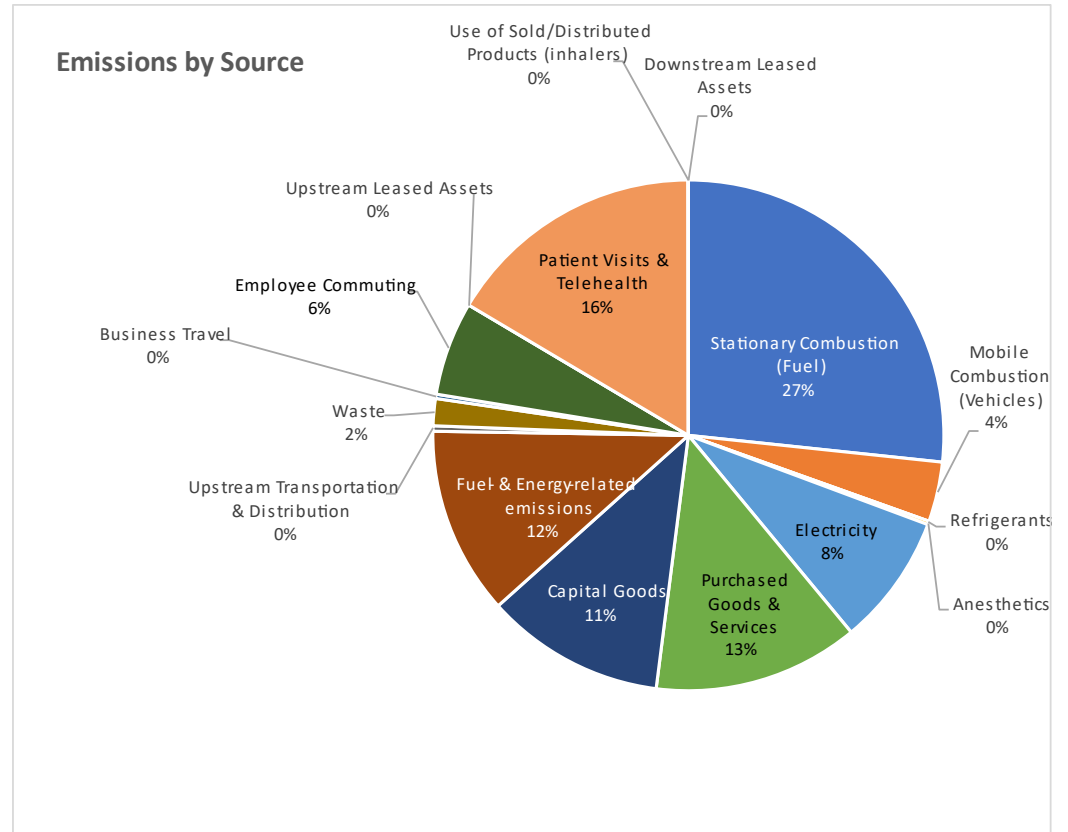
Category 11, Use of Sold Products: 1 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 3,385 MT CO<sub>2</sub>e**

**Northern Light Mayo Hospital Total: 5,550 metric tons CO<sub>2</sub>e**



## Northern Light Mayo Hospital Notes

- 1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
- 1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.
- 1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
- 1.D. Scope 1 Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.
- 2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.
  - 2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Mayo properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Mayo properties in 2024, and the kWh generated from renewables, proportionally.
- 3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
    - 3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.
- 3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.
  - 3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Mayo properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.
- 3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.
  - 3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.
- 3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.
  - 3.D.a. Waste volumes calculated using the following industry standards:
    - 3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>
    - 3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>
    - 3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>



## Northern Light Mayo Hospital Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.c. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.d. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets; no data. Mayo Hospital has no upstream leased assets.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Mayo Hospital are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>E per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Mayo Hospital has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Medical Transport

## Scope 1

Heating/Cooling: 7 MT CO<sub>2</sub>e

Mobile Combustion: 351 MT CO<sub>2</sub>e

Fugitive Emissions: 0 MT CO<sub>2</sub>e

**Scope 1 Total: 358 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 4 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 90 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 102 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 0 MT CO<sub>2</sub>e

Category 5, Waste: 0 MT CO<sub>2</sub>e

Category 6, Business Travel: 36 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 99 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 0 MT CO<sub>2</sub>e

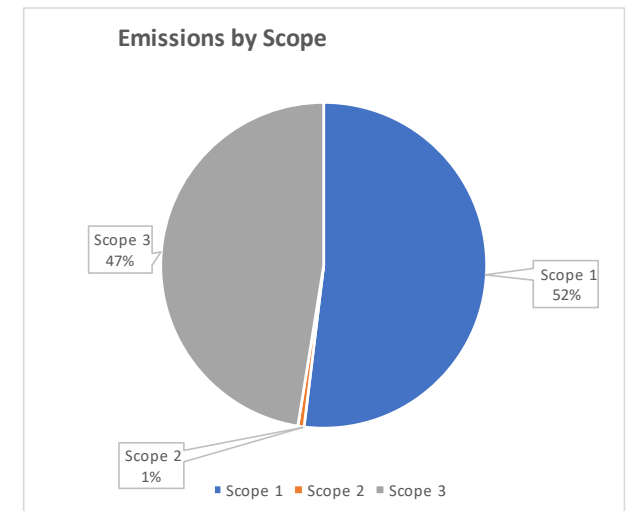
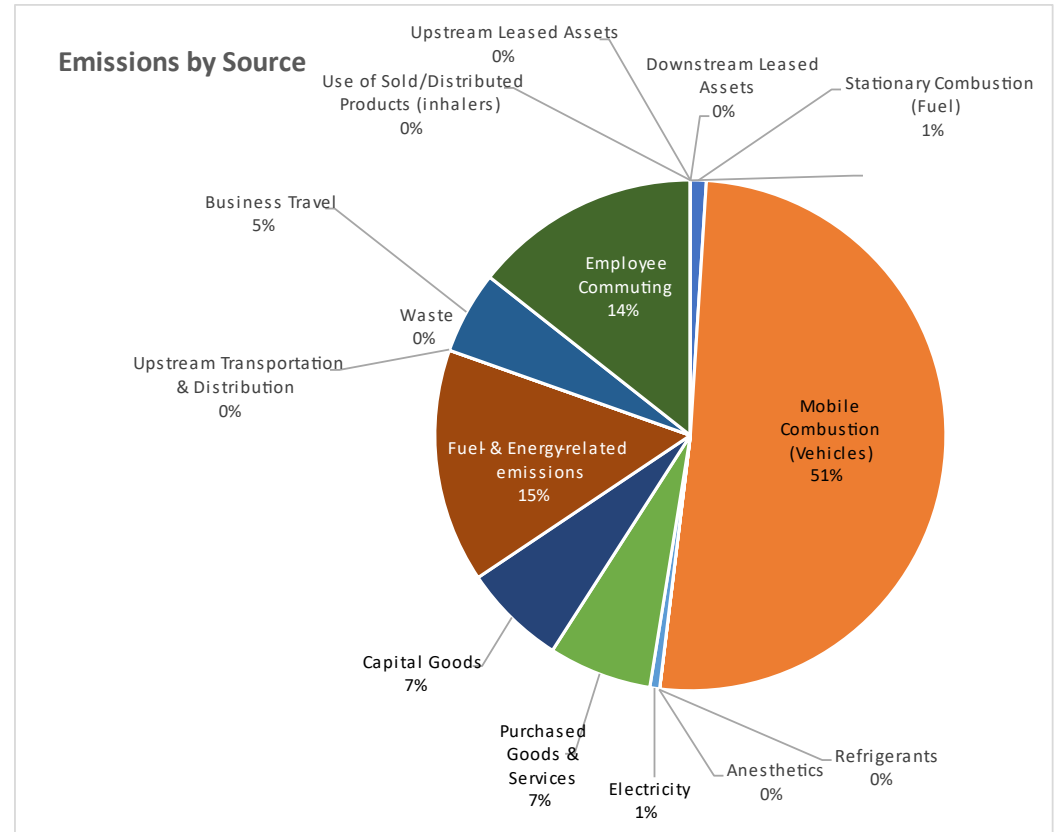
Category 11, Use of Sold Products: 0 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 327 MT CO<sub>2</sub>e**

**Northern Light Medical Transport Total: 689 metric tons CO<sub>2</sub>e**



## Northern Light Medical Transport Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.A.a. Northern Light Medical Transport garages and facilities are in hospital properties of member organizations across the System. The majority of emissions related to fuel consumption associated with NLMT are included in those hospital totals accordingly, and not separately in this section.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

1.C.a. Northern Light Medical Transport garages and facilities are in hospital properties of member organizations across the System. The majority of fugitive emissions associated with NLMT are included in those hospital totals accordingly, and not separately in this section.

2.A. Scope 2 Electricity collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. Northern Light Medical Transport garages and facilities are in hospital properties of member organizations across the System. The majority of emissions related to electricity consumption associated with NLMT are included in those hospital totals accordingly, and not separately in this section.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste; no data. Northern Light Medical Transport garages and facilities are in hospital properties of member organizations across the System. Emissions related to fuel consumption associated with NLMT are included in those hospital totals accordingly, and not separately in this section.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

## Northern Light Medical Transport Notes, continued

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets; no data. Northern Light Medical Transport has no upstream leased assets.

3.H. Scope 3 Category 9 Patient Visits; no data. Northern Light Medical Transport transports patients, so these emissions related to patient visits would be reflected in the Scope 3 accounting of provider organizations.

3.I. Scope 3 Category 11 Use of Sold Products; no data. Category 11 emissions at Northern Light Health are derived from distributed metered dose inhalers, and internal records indicate no inhalers distributed by Northern Light Medical Transport.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Northern Light Medical Transport has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Mercy Hospital

## Scope 1

Heating/Cooling: 3,034 MT CO<sub>2</sub>e

Mobile Combustion: 7 MT CO<sub>2</sub>e

Fugitive Emissions: 94 MT CO<sub>2</sub>e

**Scope 1 Total: 3,134 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 1,647 MT CO<sub>2</sub>e**

## Scope 3

Categories 1 & 2, Products, Goods & Services: 7,580 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 1,241 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 212 MT CO<sub>2</sub>e

Category 5, Waste: 282 MT CO<sub>2</sub>e

Category 6, Business Travel: 111 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 1,558 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 148 MT CO<sub>2</sub>e

Category 9, Patient Visits: 3,384 MT CO<sub>2</sub>e

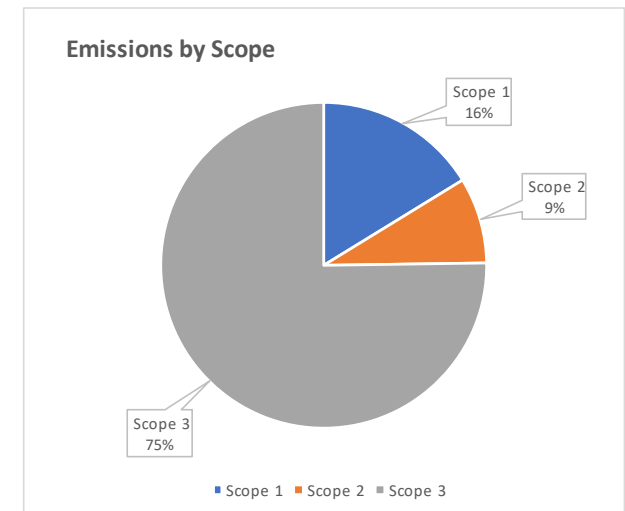
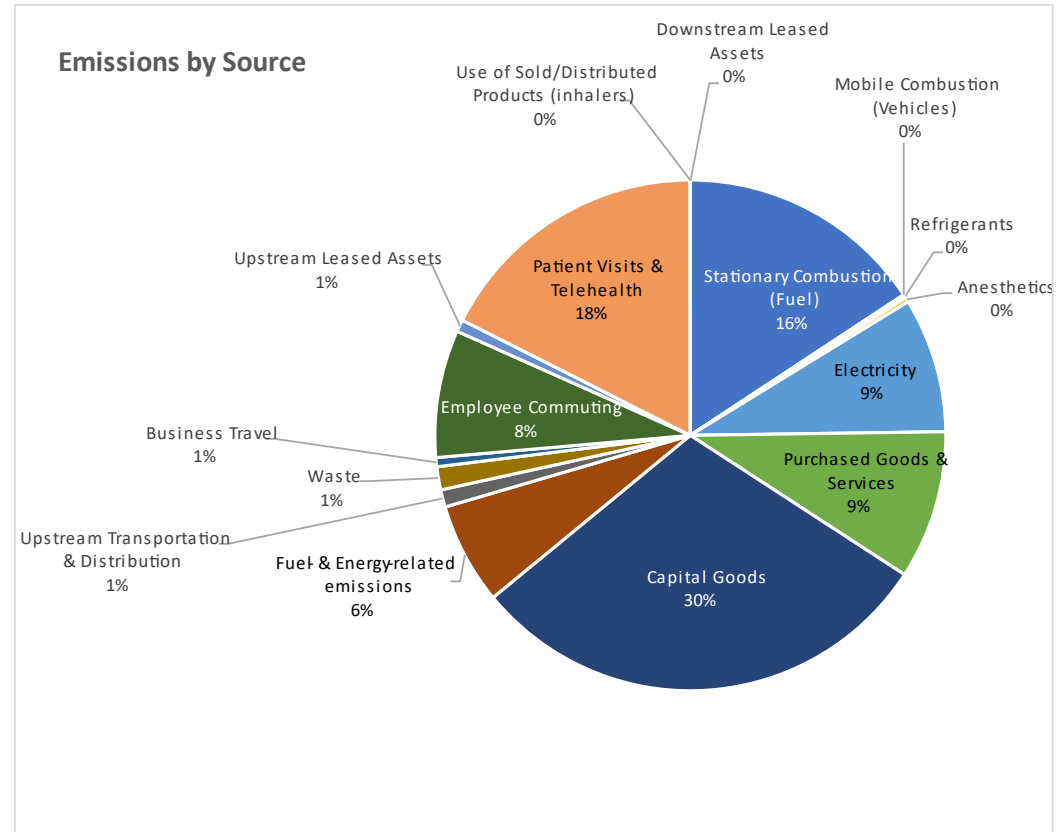
Category 11, Use of Sold Products: 4 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 14,520 MT CO<sub>2</sub>e**

**Northern Light Mercy Hospital Total: 19,301 metric tons CO<sub>2</sub>e**



## Northern Light Mercy Hospital Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

1.D. Scope 1 Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since Mercy properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at Mercy properties in 2024, and the kWh generated from renewables, proportionally.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.

3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by Mercy properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

## Northern Light Mercy Hospital Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Mercy are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Mercy has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Pharmacy

## Scope 1

Heating/Cooling: 16 MT CO<sub>2</sub>e

Mobile Combustion: 0 MT CO<sub>2</sub>e

Fugitive Emissions: 0 MT CO<sub>2</sub>e

**Scope 1 Total: 16 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 41 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 299 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 17 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 112 MT CO<sub>2</sub>e

Category 5, Waste: 23 MT CO<sub>2</sub>e

Category 6, Business Travel: 3 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 132 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 11 MT CO<sub>2</sub>e

Category 9, Patient Visits: 0 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 246 MT CO<sub>2</sub>e

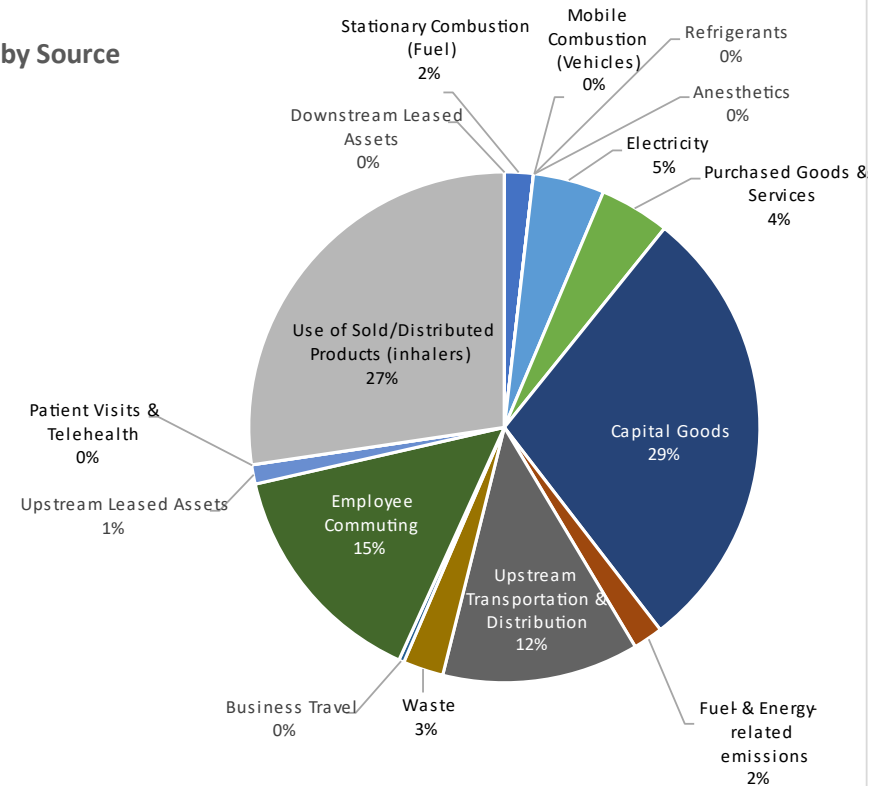
Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

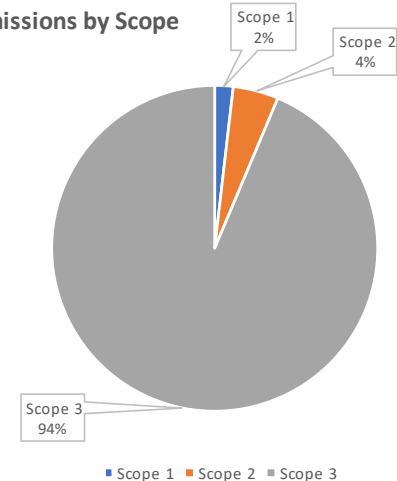
**Scope 3 Total: 843 MT CO<sub>2</sub>e**

**Northern Light Pharmacy Total: 900 metric tons CO<sub>2</sub>e**

**Emissions by Source**



**Emissions by Scope**





## Northern Light Pharmacy Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above. Emissions calculated using Practice Greenhealth calculator.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yard<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yard<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yard<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yard<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yard<sup>3</sup>

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.b. Recyclables processed by SOS are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.c. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

## Northern Light Pharmacy Notes, continued

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets data collected from internal records where not otherwise accounted. Emissions calculated using Practice Greenhealth calculator.

3.H. Scope 3 Category 9 Patient Visits; no data. Northern Light Pharmacy is a retail pharmacy. There are no tracked patient visits.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Northern Light Pharmacy are predominantly derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods. Note that Northern Light Pharmacy's Scope 1 & 2 emissions are included in the reported data for EMMC in this document.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>E per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Northern Light Pharmacy has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

# Northern Light Seabasticook Valley Hospital

## Scope 1

Heating/Cooling: 1,182 MT CO<sub>2</sub>e

Mobile Combustion: 85 MT CO<sub>2</sub>e

Fugitive Emissions: 63 MT CO<sub>2</sub>e

**Scope 1 Total: 1,330 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 472 MT CO<sub>2</sub>e**

## Scope 3

Category 1 & Category 2, Products, Goods & Services: 1,276 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 395 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 39 MT CO<sub>2</sub>e

Category 5, Waste: 115 MT CO<sub>2</sub>e

Category 6, Business Travel: 2 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 260 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 9, Patient Visits: 889 MT CO<sub>2</sub>e

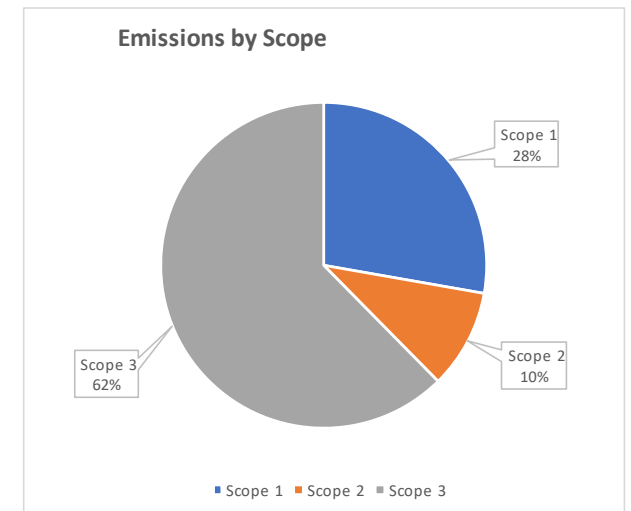
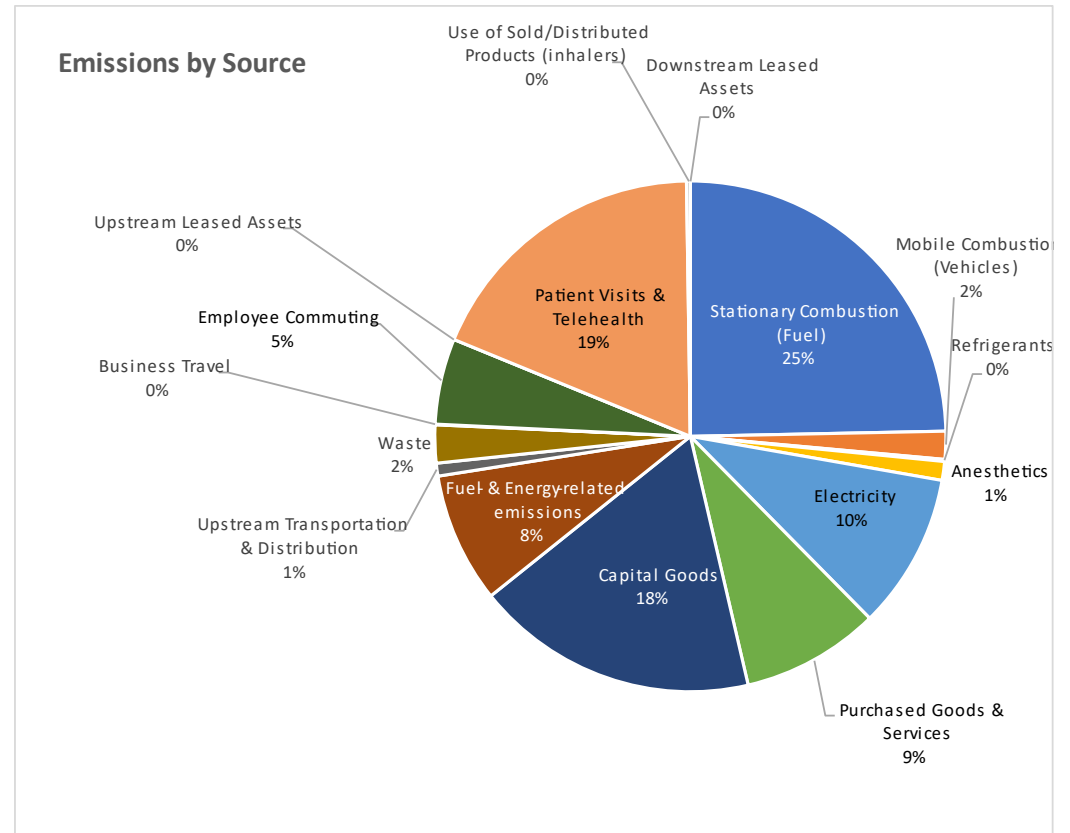
Category 11, Use of Sold Products: 12 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 0 MT CO<sub>2</sub>e

Category 15, Investments: 0 MT CO<sub>2</sub>e

**Scope 3 Total: 2,988 MT CO<sub>2</sub>e**

**Northern Light SVH Total: 4,789 metric tons CO<sub>2</sub>e**



## Northern Light Sebasticook Valley Hospital Notes

1.A. Scope 1 Fuel data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

1.B. Scope 1 Mobile Combustion calculated from internal records of fleet vehicle mileage using the Practice Greenhealth calculator.

1.C. Scope 1 Fire Suppression and Refrigerant recharge data collected from invoices and internal records where available. Some fugitive emissions may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

1.D. Scope 1 Fugitive Emissions from inhaled anesthetics calculated from internal purchase records using the Practice Greenhealth calculator.

2.A. Scope 2 Electricity usage data collected from invoices. Emissions calculated using Practice Greenhealth calculator.

2.A.a. The Practice Greenhouse calculator provides emissions calculations based upon kWh used. Since SVH properties receive credits through Northern Light Health's participation in the Net Energy Billing program, which supports the development of renewable energy projects, and through which NLH sells and purchases Renewable Energy Credits (RECs), the total kWh used for this calculation is the difference between the total kWh used at SVH properties in 2024, and the kWh generated from renewables, proportionally.

3.A. Scope 3 Categories 1 & 2, Products, Goods, & Services data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.A.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.A.a.a. 2023 data used as a proxy for 2024 for Pepsi. Per Food & Nutrition Services, these numbers do not vary much from year to year.

3.B. Scope 3 Category 3 Fuel & Fuel-related Activities data sources are the same as used in Scopes 1 and 2, detailed above, unless otherwise noted. Emissions calculated using Practice Greenhealth calculator.

3.B.a. For the emissions estimate associated with electricity usage, the total kWh used by SVH properties is used for the calculation, not just the net kWh from the electrical grid, exclusive of RECs, as in Scope 2.

3.C. Scope 3 Category 4 Upstream Transportation & Distribution data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.C.a. These are 2024 Fiscal Year data, rather than Calendar Year. These are unaudited fiscal year data, audited data not yet available at time of publish.

3.D. Scope 3 Category 5 Waste data collected from invoices and internal records where available. Some waste volumes may be missing or estimated. Emissions calculated using Practice Greenhealth calculator.

3.D.a. Waste volumes calculated using the following industry standards:

3D.a.a. Municipal Solid Waste (MSW) estimated at 75 lbs/yd<sup>3</sup>

3D.a.b. Mixed Recyclables estimated at 50 lbs/yd<sup>3</sup>

3D.a.c. Recyclable Corrugated Cardboard estimated at 75 lbs/yd<sup>3</sup>

3D.a.d. Confidential Document Destruction is recycled paper waste, estimated at 75 lbs/yd<sup>3</sup>

3D.a.e. A 96-gal toter is roughly equivalent to 0.5 yd<sup>3</sup>

## Northern Light Seabasticook Valley Hospital Notes, continued

3D.a.f. Weekly pickups are calculated using a 4.33 services/month multiplier. Every-other-week pickups are calculated using a 2.165 services/month multiplier.

3.D.c. Recyclables processed by SOS and Give IT-Get IT are reported in 2024 Fiscal Year data, rather than Calendar Year.

3.D.d. Water volume data sourced from invoices was used as a proxy for wastewater volume when wastewater invoices were unavailable.

3.E. Scope 3 Category 6 Business Travel data collected from internal purchasing records. Emissions calculated using Practice Greenhealth calculator.

3.E.a. Travel expenses are 2024 Fiscal Year data, rather than Calendar Year.

3.E.b. Emissions from personal and rental vehicle use for business purposes are estimated from internal records of fuel reimbursement paid, using the following allocations, based upon Maine state government data of registered vehicles:

3.E.b.a. Total miles, broken down as 5% electric, 93.1% gasoline, and 1.9% diesel (estimated 21.7 MPG of non-electric vehicles)

3.F. Scope 3 Category 7 Employee Commute data calculated from internal records and estimates provided by HR Operations. Emissions calculated using Practice Greenhealth calculator.

3.F.a. Employee counts based on 12/31/24.

3.F.b. PRN employees are included in the counts as part-time employees.

3.G. Scope 3 Category 8 Upstream Leased Assets; no data. All emissions associated with Seabasticook Valley Hospital's leased assets are included in Scopes 1 & 2.

3.H. Scope 3 Category 9 Patient Visits data collected from internal records provided by Planning. Emissions calculated using Practice Greenhealth calculator.

3.H.a. Inpatient discharge data used as a proxy for "inpatient visits".

3.H.b. Telehealth average length of visit data unavailable; 20 minutes is used as an estimate.

3.H.c. These are 2024 Fiscal Year data, rather than Calendar Year.

3.I. Scope 3 Category 11 Use of Sold Products emissions at Seabasticook Valley Hospital are derived from distributed metered dose inhalers. Counts and types of metered dose inhalers have been collected from internal records, and emissions have been estimated based upon inhaler type. Emissions associated with all other sold/distributed products are included in Scope 3, Categories 1 & 2 as purchased goods.

3.I.a. Inhaler emissions calculated using the CO<sub>2</sub>e per inhaler estimates published in "Greenhouse Gas Emissions and Costs of Inhaler Devices in the US" by Tirumalasetty, Miller, and Prescott, in Journal of American Medicine (JAMA) August 29, 2024.

3.I.b. Emissions related to the use of inhalers (from the propellants) are captured here. The purchase data of these inhalers is also included in Scope 3 Category 2 as a Purchased Good, to reflect the emissions associated with manufacturing and procurement.

3.J. Scope 3 Category 13 Downstream Leased Assets; no data. Seabasticook Valley Hospital has no downstream leased assets.

3.K. Scope 3 Category 15 Investments data are only available at the System level (refer to Additional System-level Calculations).

## Additional System-level Emissions

### Scope 3

Category 15, Investments: 1,141 MT CO<sub>2</sub>e

**Additional System-level Emissions Total: 1,141 metric tons CO<sub>2</sub>e**

### Notes Regarding Additional System-level Emissions

3.K. Scope 3 Category 15 Investments Emissions are calculated in this section and estimated using the Practice Greenhealth calculator. Data are only available at the System level and are estimated from internal performance reporting.

# Northern Light Health System

## Scope 1

Heating/Cooling: 40,443 MT CO<sub>2</sub>e

Mobile Combustion: 956 MT CO<sub>2</sub>e

Fugitive Emissions: 1,985 MT CO<sub>2</sub>e

**Scope 1 Total: 43,384 MT CO<sub>2</sub>e**

## Scope 2

**Electricity: 8,422 MT CO<sub>2</sub>e**

## Scope 3

Categories 1 & 2, Products, Goods & Services: 59,322 MT CO<sub>2</sub>e

Category 3, Fuel & Fuel-Related Activities: 11,143 MT CO<sub>2</sub>e

Category 4, Upstream Transportation & Distribution: 1,169 MT CO<sub>2</sub>e

Category 5, Waste: 2,173 MT CO<sub>2</sub>e

Category 6, Business Travel: 1,300 MT CO<sub>2</sub>e

Category 7, Employee Commuting: 9,761 MT CO<sub>2</sub>e

Category 8, Upstream Leased Assets: 447 MT CO<sub>2</sub>e

Category 9, Patient Visits: 17,991 MT CO<sub>2</sub>e

Category 11, Use of Sold Products: 462 MT CO<sub>2</sub>e

Category 13, Downstream Leased Assets: 167 MT CO<sub>2</sub>e

Category 15, Investments: 1,141 MT CO<sub>2</sub>e

**Scope 3 Total: 105,076 MT CO<sub>2</sub>e**

**Northern Light Health System Total: 156,883 metric tons CO<sub>2</sub>e**

