



Maryland
Green Registry
MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

MedStar Franklin Square Medical Center



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www.medstarhealth.org/locations/medstar-franklin-square-medical-center

Hospital

Member since April 2022

Management and Leadership



Environmental Team

The MedStar Health systemwide Environmental Leadership Council includes representation from each of the member hospitals. The team's mission is to establish, maintain, and support environmental sustainability programs in support of the Corporate Mission, Vision, and Values. This team meets quarterly and serves as a collection and dissemination point for all environmental sustainability activities and programs across the system.

The MedStar Franklin Square Medical Center Green Team meets quarterly and brings down to the local level items discussed at the MedStar Corporate ELC meetings, such as regulations, education, and metrics.



Annual Environmental Goals

- *Determine an action plan to revamp shred bin program awareness for collecting confidential and non-confidential paper.*
- *Eliminate single-use plastic bags at point of sale to align with the Baltimore City plastic bag ban.*
- *Host a community outreach event to educate the community on sustainability and environmental health.*
- *Food & Nutrition team to coordinate and host a food drive for Freedom Church in celebration of National Nutrition Month in March.*
- *Food & Nutrition team to host National Nutrition Month (March), Earth Day (April) and Buy Local Week (July) celebrations that highlight the importance of plant-based meals and locally grown products.*

☒ **Environmentally Preferable Purchasing**

In 2020, we achieved 98.6% spend on green floor cleaners.

Waste

Unless otherwise stated, waste data is reported for calendar year 2020.

☒ **Solid Waste Reduction and Reuse**

- *Eliminated polystyrene and plastic straws from food service.*
- *Donated 4.6 tons of unexpired/unopened consumable clinical supplies, expired/opened consumable clinical supplies, capital medical equipment, electronics, and furniture through Brother's Brother.*
- *Diverted 20.24 tons of plastic from the landfill through the reusable Sharps container program.*
- *Collected 8454 pounds of single-use devices through a medical device reprocessing program.*
- *45.1% of operating room kits are in reusable sterilization containers rather than plastic.*
- *Selected a vendor to optimize and oversee print management programs. This initiative included elimination of cover page printing, double sided print default, printing by user badge from anywhere in the system, using centralizing printers, faxes, and copiers, ink cartridge monitoring, and more electronic document usage. While paper usage increased due to COVID procedures and additional/new forms required, these paper reduction efforts should deliver positive results in future years.*
- *Implemented Waste Watch powered by LeanPath, a technology program that tracks details and data on food waste. This data is used to create strategies for pre-consumer food waste reduction.*

☒ **Recycling**

- *Maintained a 25% overall recycling rate, despite the global recycling industry trending downward and added scrutiny locally on the recycling coming from hospitals at the onset of the COVID-19 pandemic.*
- *Transitioned single-stream recycling to cardboard only as single-stream recycling materials were no longer being accepted by the hauler/recycler.*
- *Maintained other recycling efforts throughout the facility for paper shred bin consoles, electronics, compost, toners, batteries, light bulbs, cooking oil, and continued efforts related to waste diversion (donations/reusables) whenever possible.*

- *Put in place a communications plan to inform staff of what's accepted (paper/cardboard/plastic water & soda bottles and cans) in recycle bins to align with changes in the recycling industry and the local MRF.*



Composting

Composted 31.20 tons of food waste.



Hazardous Waste/Toxic Use Reduction

- *Mercury free hospital since 2007.*
- *Have in place a Chemicals of Concern policy that covers Bisphenol A and its structural analogues; Flame retardants, including chlorinated, brominated, and phosphate-based flame retardants; Latex; Lead; Mercury; Persistent, Bioaccumulative, and Toxic substances (PBTs); Phthalates (DEHP, BBP, DnHP, DIDP, DBP, DINP, and DiBP); Polyvinyl chloride, or PVC; and Volatile organic compounds (VOCs).*
- *Utilize integrated pest management techniques through our third-party pest management company.*

Energy

Unless otherwise stated, energy data is reported for calendar year 2020.



Energy Efficiency

- *Achieved over 200% (on average) of an energy saving goal by Hayes for energy reduction or approximately \$380K yearly savings.*
- *Energy use intensity (kBtus/sq foot) is 194.1, lower than the average EUI for top sustainable hospitals.*
- *Completed all 282 Patient Tower room LED conversions including all common hallways. Completed all stairwell LED conversions. Completed all 8 Parking Lot LED Conversions and walkway lights.*
- *100% of Operating Rooms are equipped with LED lighting.*
- *More than 80% of Operating Rooms have an HVAC setback in place.*
- *Installed a new software system to improve efficiency of the central energy plant boilers and associated equipment.*
- *Installed temperature tracking and humidity tracking system.*

Transportation

☒ **Employee Commute/Customer Travel**

- *Partner with MTA for adding and modifying public transit stops and offer discounted public transit for staff.*
- *Require drivers to shut off engines; idling is not allowed.*
- *Provide bike racks, bike paths, walkways, and shower facilities for alternative commuters.*
- *Provide emergency ride home for alternative commuters.*

Water

Unless otherwise stated, water data is reported for calendar year 2020.

☒ **Water Conservation**

- *Total gallons per gross square foot is 23.26 and per cleanable square foot is 30.81, both significantly lower than the average in sustainable hospital surveys.*
- *Total gallons per FTE is 11140, also better than the reported average.*

Environmental Certification Programs, Awards, and Other Activities

☒ **Sustainable Foods:**

- *Implemented a Healthy Snack Program in Hospital Cafes.*
- *Created a Monthly Mindful Wellness Retail Packet.*
- *Implemented a Patient Communication Program-Wellness Tip Cards Simply to Go Program in retail.*
- *Held a Buy Local Week Celebration.*
- *Added Reflection Room with healthy snacks for associates.*



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

