Sustainable Health Care means delivering health care to meet today’s needs without compromising the health needs of future generations.
Greetings

It is with great pride that I share Advocate Health Care’s 2012 Environmental Stewardship Report. As one of the nation’s leading health care systems, we are committed to providing a safe and healthy environment that extends beyond our hospitals and sites of care to the communities we are privileged to serve. This year’s report highlights successes in engaging our leaders and associates in sustainable green practices that help protect the environment and conserve precious resources. It also highlights opportunities for continuing improvement.

Advocate is focused on the greening of health care because it’s the right thing to do. Caring for our earth is strongly connected to our mission to serve the health needs of today’s patients and families without compromising the needs of future generations. By conserving resources, minimizing exposure to chemicals and constructing eco-friendly buildings and landscapes, we are making strides to reduce the environmental impact of health care delivery.

Our focus on sustainability also is an important business strategy. As we continue to navigate the ongoing fiscal challenges of the changing health care landscape, our commitment to provide the safest and best care for our patients remains unwavering. Since 2008, a 15.4 percent reduction in energy consumption and an outstanding 66 percent decrease in medical waste have allowed us to reinvest valuable dollars in vital programs and services that improve the health of our patients, families and communities.

In new and innovative ways, Advocate is doing its part to safeguard the health of our environment. We invite you to learn about these efforts as we continue our journey to building a healthier future.

Sincerely,

Jim Skogsbergh
President and Chief Executive Officer
Advocate Health Care
**Advocate’s Numbers**

$3,000,000 savings in energy efficiency and consumption, enabling Advocate to reinvest in serving the health needs of the communities we are privileged to serve since 2009.

775 Advocate associates were nominated by coworkers and recognized for their exceptional contributions to demonstrating environmental stewardship at work, since 2010.

8,958 metric tons of carbon dioxide removed from the atmosphere as a result of Advocate’s reduction in energy consumption since 2008.

10,450 tons of waste generated by Advocate hospitals avoided landfill by recycling since 2010.

90% average annual rate of construction and demolition debris recycling, totaling over 16,000 tons of waste diverted from landfill since 2010.

5% Reduction in office paper purchases as Advocate associates embrace Advocate’s culture of conservation since 2010.

15.4% annual reduction in weather adjusted energy consumption by Advocate hospitals since 2008.
Healthy Spaces

**Building with care....**

As Advocate continues to grow its health care ministry, we are mindful of ensuring the spaces we design and construct foster health and healing. The planning and new construction of our hospitals, ambulatory settings and physician offices is designed to be Safe, Patient Focused, Efficient, Cost Effective and Sustainable.

Advocate’s healthy spaces and green construction features support a safe and comfortable healing experience for patients, families, associates and physicians. Our goal is to minimize environmental impact of building and operating Advocate’s buildings.

Examples of how Advocate is reducing the environmental impact as it constructs its new healthy spaces include:

- Green roofs for rain water collection and energy efficiency
- Native planting and permeable paving to reduce storm water runoff
- Increased natural daylight
- Recycling nearly 100 percent of construction and demolition debris
- Energy efficient lighting and ventilation systems
- Sustainable building education for visitors and associates
- Green cleaning with less toxic cleaning chemicals
- Sustainable building materials sourced within a 500-mile radius
- Water saving, low-flow faucets and toilets

Read more on the following pages about the major construction projects currently underway in several of the communities Advocate is privileged to serve.
Artist rendering of Advocate Christ Medical Center Outpatient Pavilion (scheduled to open October 2013), which is seeking Leadership in Energy and Environmental Design (LEED) certification from the U.S. Green Building Council.
Advocate Illinois Masonic Center for Advanced Care
Artist rendering of Advocate Illinois Masonic Center for Advanced Care (scheduled to open April 2014), which is seeking Leadership in Energy and Environmental Design (LEED) certification from the U.S. Green Building Council.
Advocate Christ Medical Center Patient Bed Tower

Artist rendering of Advocate Christ Medical Center Patient Bed Tower (scheduled to open in May 2015), which is seeking Leadership in Energy and Environmental Design (LEED) certification from the U.S. Green Building Council.
Advocate Good Shepherd Hospital, has partnered with Smart Farm, a volunteer-run, local non-profit organization whose mission is to cultivate a healthy, eco-friendly community through education, sustainable gardening practices and donations of fresh vegetables to local food pantries.

A three-season, high-tunnel hoop house is located on the hospital campus. Food scraps from the hospital’s kitchen are used for compost to nourish garden soil. Gardening classes held on site complement healthy eating education provided by the hospital for associates and the community.
Artist rendering of Advocate Good Shepherd Hospital Modernization Project (scheduled to open in January 2016), which is seeking Leadership in Energy and Environmental Design (LEED) certification from the U.S. Green Building Council.
Waste and Energy

Being Accountable...

Advocate strives to balance its mission of delivering excellent patient care in spaces that enhance healing with its commitment to protect environmental health. Waste generation and energy consumption is tracked and reported with annual improvement goals. Leadership teams are responsible for meeting improvement targets that will drive down critical health care costs and reduce Advocate’s environmental impact. We view these elements as essential to a culture of conservation and accountability for all we have, are and do. Through staff education and implementation of safe and innovative ways to reduce, reuse and recycle waste and use less energy, Advocate is focused on serving the life-long health needs of its present patients, while protecting the health of the environment for future generations.
Learn more about Advocate’s Green Initiatives
Waste and Energy

Being Accountable...
Advocate strives to balance its mission of delivering excellent patient care in spaces that enhance healing with its commitment to protect environmental health. Waste generation and energy consumption is tracked and reported with annual improvement goals. Leadership teams are responsible for meeting improvement targets that will drive down critical health care costs and reduce Advocate’s environmental impact. We view these elements as essential to a culture of conservation and accountability for all we have, are and do. Through staff education and implementation of safe and innovative ways to reduce, reuse and recycle waste and use less energy, Advocate is focused on serving the life-long health needs of its present patients, while protecting the health of the environment for future generations.
Learn more about Advocate’s Green Initiatives

In 2012, Advocate saved $2.5 million and diverted over 32,000 pounds of waste from local landfills by safely reprocessing medical devices.

Since 2010, Advocate hospitals recycled over 10,000 tons of waste. Advocate clinicians are trained to segregate excess pharmaceutical waste to assure safe disposal.

Since 2008, Advocate Health Care’s hospitals have achieved a 15.4% annual reduction in weather adjusted energy consumption.

Since 2008, the medical waste generated by Advocate’s hospitals has decreased by 24%, to an all-time low of 1.68 lbs. per adjusted patient day in 2012.

Advocate recycles thousands of obsolete laptops and computers each year and offers recycling events at some of its hospitals for staff and community members.

In 2012, Advocate Bromenn Medical Center started composting food waste, paying for it with savings gained from reductions in food preparation waste.

Since 2010, Advocate Health Care’s major construction projects have diverted over 16,000 tons of construction and demolition debris.
The reduction of overall waste going to the landfill is an overarching aim at Advocate. Minimizing waste headed to landfill requires continued diligence to reduce it upstream. Waste reduction efforts currently in place include working with suppliers to reduce supply packaging, discontinuing use of disposable materials, and redeployment of assets such as office supplies and furnishings. Despite slower than desired reductions in solid waste generation, Advocate is trending favorably in the right direction.
Advocate Hospitals Waste Trend
Pounds Per Adjusted Patient Day
2008-2012

2012
- Recycling: 6.08
- Medical Waste: 1.65
- Solid Waste: 15.73

2011
- Recycling: 5.74
- Medical Waste: 1.73
- Solid Waste: 15.87

2010
- Recycling: 4.71
- Medical Waste: 1.95
- Solid Waste: 17.04

2009
- Recycling: 4.90
- Medical Waste: 2.40
- Solid Waste: 15.45

2008
- Recycling: 2.32
- Medical Waste: 2.21
- Solid Waste: 15.90
Energy Reduction since 2008 as of December 2012
(Target 20% reduction by 2015 weather adjusted)
Leading a sustainable change...

Advocate Health Care’s commitment to the health of the environment goes well beyond its own walls and to local communities. Advocate, along with a dozen other U.S. health systems and three not-for-profit organizations led the formal kick off of the Healthier Hospitals Initiative (HHI) in 2012.

HHI’s intent is to engage the nation’s hospitals in spreading the word about the critical role that environmental stewardship plays in achieving better care for individuals, better health for populations and reducing per-capita costs as outlined by the Centers for Medicare and Medicaid. HHI’s aim is to reduce health care’s contribution to environment-related health impacts by spurring sustainable change in hospitals and other patient settings.

Since its inception, HHI has collaborated with health care experts in establishing specific measurable goals to reduce public and individual health impacts, and develop resources to help health care facilities of any size or type achieve these objectives. HHI’s goals are highlighted in its “Challenge Pillars”.

link to watch the video: HHI Healthy Planet Video

http://www.youtube.com/watch?v=hsqWJxLC4mE
Celebrating environmental excellence…

2012 Environmental Stewardship Winners

Advocate annually recognizes associates who demonstrate an extraordinary commitment to protecting the environment through waste and energy minimization practices and are green leaders in their work environments. In 2012, selected from more than 350 nominations from their coworkers, 21 associates were recognized for being true stewards of the environment by demonstrating exceptional ways to care for the earth.

Meet the 2012 Environmental Stewardship Award Winners and learn how they are making a difference everyday.

link to watch the video: 2012 Environmental Stewardship Award Winners Video

http://stream.advocatehealth.com/flashfiles/13support1650/Publish/video2.html
Nominated by their coworkers for going the extra mile to reduce waste and energy and care for the health of the environment, environmental stewardship award winners include: (Back row l to r: Jillian Pietrucha, Sarah Gabriel, Sharon Capobianco, David Sheffer, Lisa Tucci, Louis Ubaka, MD, Linda Davis, MD, Lisa Lucia, David Haas; front row l to r: Susan Marseille, Cheryl Mayer, Cindy Keith, Huma Basheeruddin, Ann Wardynski, RN, Joann Neuenkirchen).
Celebrating environmental excellence.....

**Practice Greenhealth Awards**

** Advocate Health Care System**

System for Change Award

(Four consecutive years)

Recognizes health systems working cohesively to set system environmental performance goals, track data, benchmark, and share successes:

A minimum of 20% of the health system’s facilities must meet or exceed the minimum criteria for the Partner for Change Award the same year in order to receive this award.

---

**Advocate Illinois Masonic Medical Center**

**Advocate Good Samaritan Hospital**

Environmental Leadership Circle Award

Recognizes health care facilities that exemplify environmental excellence and are setting the highest standards for environmental practices in health care:

- Recycle > 25%
- Medical Waste < 8%
- Virtually mercury free
- Community Leaders
- Innovative pollution prevention

---

*awards*
**Advocate BroMenn Medical Center**  
**Advocate Condell Medical Center**  
**Advocate South Suburban Hospital**  

**Partner for Change Award**

Non-competitive award with the following minimum requirements:

- Recycle 15% or more of their total waste stream
- Have a mercury elimination program in place with a plan for total elimination
- Implemented a number of successful pollution prevention projects or sustainability programs

**Advocate Christ Medical Center**  
**Advocate Good Shepherd Hospital**  
**Advocate Lutheran General Hospital**  
**Advocate Trinity Hospital**  

**Partner for Change Award - With Distinction**

A competitive award that recognizes health care facilities that have well established environmental programs:

- Recycling rate of >20%
- Medical waste generation rate <10%
- Demonstrate progress in sustainable operations, such as an environmentally preferable purchasing policy, medical waste reduction techniques, green cleaning procedures
- Demonstrate progress in one or more advanced categories such as healthy food sourcing, greening the operating room, greening the supply chain, and energy and water reduction
The American Society for Healthcare Engineering (ASHE) and the U.S. Environmental Protection Agency (EPA) collaborate in the Energy Efficiency Challenge (E2C) to help the nation’s health care facilities save energy, reduce costs, and protect the environment. E2C provides participants with fundamental concepts for saving energy, real data, proven strategies, financial tools, and local success stories.

Participating facilities begin by benchmarking their buildings using the U.S. Environmental Protection Agency ENERGY STAR® Portfolio Manager and working to implement low- and no-cost energy efficiency improvements that can reduce energy consumption by at least 10 percent.

In 2012, four of Advocate’s hospitals were recognized for energy efficiency and reduced annual consumption of at least 10 percent.

**Energy Efficiency Awards**

- **Advocate Christ Medical Center**
  Cut energy consumption by 10%

- **Advocate BroMenn Medical Center**

- **Advocate Illinois Masonic Medical Center**

- **Advocate Lutheran General Hospital**
  Cut energy consumption by 20%
Social Enterprise Network Sustainability Award

Recognized for its determination to lower energy consumption, reduce waste and its commitment to environmental stewardship, Advocate Health Care received the 2013 Sustainable Environmental Business Practices award from Social Enterprise Networks (SEN).

With this honor, SEN celebrates Advocate’s excellent track record for energy management strategies within the health care industry and culture of sustainability at the staff level, noting the resulting financial savings and the reduction of emissions are a key part of the Advocate’s commitment to the environmental health of the communities it serves.

The annual award is sponsored by the Young Presidents’ Organization (YPO), which connects business leaders with a shared commitment to philanthropic, humanitarian and social enterprise endeavors.

Illinois Governor’s Sustainability Award

Recognized for its work in protecting the environment, Advocate Health Care earned the Governor’s Sustainability award from the Illinois Sustainable Technology Center (ISTC) in 2012. Advocate was one of 21 businesses and organizations in the state highlighted for their commitment to environmental excellence through innovative sustainability practices.

The award recognizes Advocate for its focus on protecting the environment via reductions in energy consumption and medical waste, along with medical device reprocessing and recycling of construction debris.
Thank you to our Corporate Partner and Sponsors

Advocate Health Care’s mission-driven environmental change efforts also have become the work of Advocate Charitable Foundation. Environmental improvement efforts have advanced with the generous support of corporate donors. In 2012, The Foundation helped to secure generous contributions for the system’s green initiatives from a national corporate partner and identified public and private grants for environmental projects.

In 2012, Advocate associates contributed nearly $5,000 to the Environmental Stewardship Fund via the annual giving campaign. These contributions support system-wide sustainability efforts.

“Humans, in service to God, have special roles on behalf of the whole of creation. Made in the image of God, we are called to care for the earth as God cares for the earth”

"To understand the world as God's creation is to understand our responsibility as God's stewards and our accountability to God as tenants. This means that faithful human action is always aware of the nature of creation, seeking to enhance and not destroy what has been so richly provided."

United Church of Christ "Christian Environmental Stewardship" Resolution, General Synod 14 (1983)