



Green4Good

Sustainability Report  
2012

## Green 4 Good:

Green 4 Good (G4G) is a program at St. Patrick Hospital to help decrease the environmental impacts of our daily healthcare work. As a hospital, we are charged with caring for people in times of need; we need resources such as supplies, heat and electricity with which to do that. At the same time, healthcare causes pollution through its energy use, waste creation and chemicals. Through G4G, we try to reduce our impact to the natural environment, in turn creating healthier patients, staff members and communities. The 2012 Sustainability Report will give you a brief look at G4G's accomplishments in 2012.



## 2012 Achievements at a Glance:

### Energy

- Large energy conservation project to optimize fans, pumps and chillers
- Energy savings anticipated to be \$120,000 per year
- Project funded in part by a \$450,000 rebate from our utility – NorthWestern Energy

### Waste

- Began single stream recycling August 2012
- Began "Waste Overhaul"
- 35.5% of waste at St. Patrick Hospital was recycled
- Piloted reusable clinical gowns on 5N, saving both costs and landfill contributions

### Engagement

- Held second annual Turning the Tide Environmental Health Conference with subtheme: "What is our Obligation to the Future?" 500 attendees over three days
- Celebrated Earth Week by focusing on chemicals and how to avoid them
- Recycled 120 pounds of scrubs at second annual Scrub Exchange
- Offered Community Supported Agriculture (CSA) shares for the first time to staff. Over 20,000 pounds of produce were delivered to St. Pat's from the Western Montana Grower's Cooperative with 60 staff participating



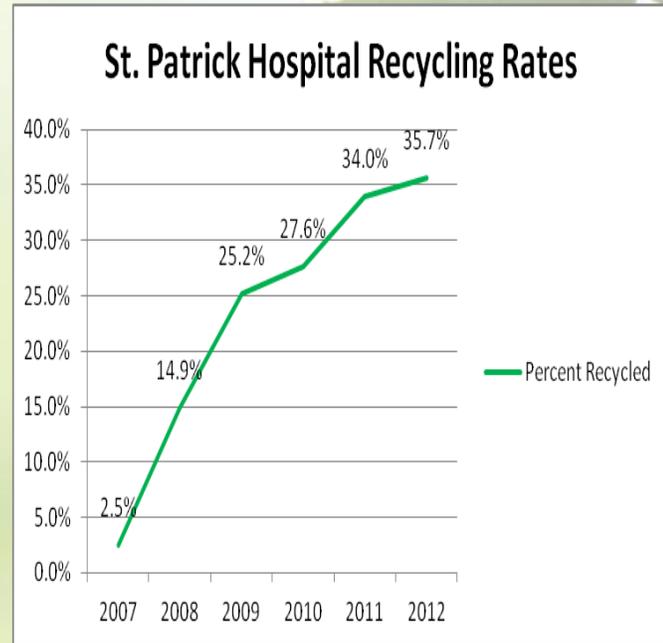


## Healthcare Recycling

Average hospital recycling rates are unknown. Those applying for the highest award from Practice Greenhealth are required to recycle at least 25% of waste. Top performers average 36%. In Montana, we do not have the access to markets for recyclables found in larger cities. Our options are limited. At St. Pat's, we have been increasing our recycling and are reaching the level of top performers from across the nation, as shown on this table.

## Energy Reduction

In 2012, St. Pat's underwent a project to replace and make more efficient a number of pumps, fans and chillers in an effort to decrease the hospital's energy consumption. Part of this work was targeted toward the green data center, which uses high efficiency equipment, virtual servers and an energy efficient chilling system. It is one of the most efficient in the state and across Providence. The project installation spanned over 2011 and 2012. In those two years, St. Pat's consumed 6.19% less electricity, as shown in the chart below.



	2012 use	2010 use	% saved use	Saved \$	% saved \$
<b>Electricity (kwh)</b>	18,522,786.00	19,745,869.39	-6.19%	\$ 47,282.03	3.17%
<b>Natural Gas (therms)</b>	777,305.00	785,803.96	-1.08%	\$ (131,730.00)	-23.36%
<b>Water (Kgal)</b>	38,284.00	38,773.34	-1.26%	\$ 11,107.48	10.29%

## Recognition

- Leader in commuting by Missoula in Motion
- Ecostar Winner
- Environmental Leadership Circle (ELC) award from Practice Greenhealth. An elite membership, about 35 hospitals across the nation have been recognized with this award. St. Pat's and the Portland Hospitals are the only ELC winners in Providence
- G4G News is published in Daily Details several times per month
- SPH staff served on the Mayor's Advisory Board for Sustainability and Climate Change
- SPH staff lectured at the University in the Nursing Program and the Environmental Studies Program
- SPH staff continued to co-lead the Regional Environmental Stewardship Council

