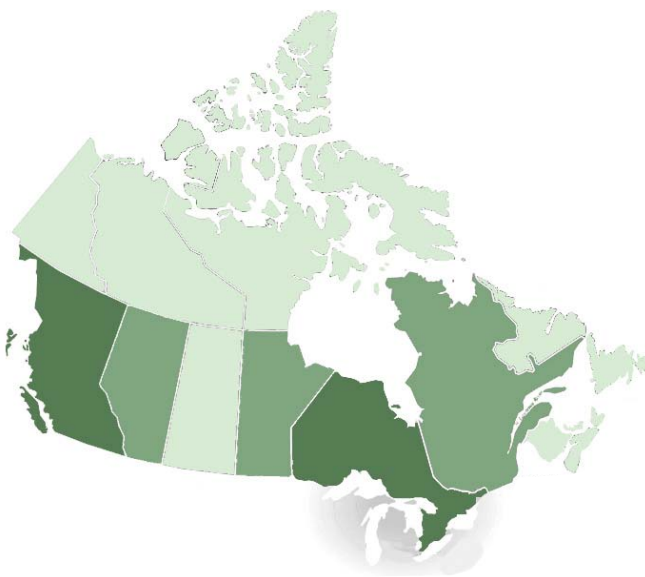


June 2007 Green Guide for Health Care Quarterly Update

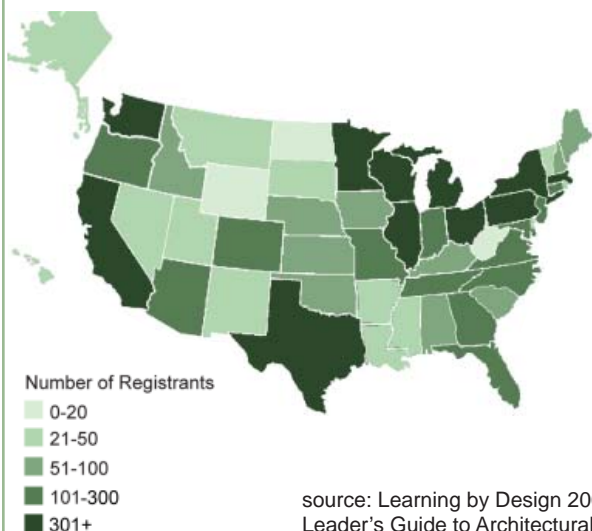
Growth in Green Guide Website Registration

In second quarter 2007, the *Green Guide for Health Care* online community has continued to grow at a fast pace, averaging close to 500 new registrants each month. With the total number of website registrants over 13,500 (Figure 2), the *Green Guide* website is poised to reach 15,000 registrants before October.

Figure 1: Green Guide Website Registrants in the U.S. and Canada



source: Citizenship and Immigration Canada



source: Learning by Design 2001: A School Leader's Guide to Architectural Services

The *Green Guide for Health Care*, established in 2002 as a project of Center for Maximum Potential Building Systems and Health Care Without Harm, is the health care sector's first quantifiable sustainable design toolkit integrating enhanced environmental and health principles and practices into the planning, design, construction, operations and maintenance of their facilities. The *Green Guide* provides the health care sector with a voluntary, self-certifying metric toolkit of best practices that designers, owners, and operators can use to guide and evaluate their progress towards high performance healing environments.

Green Guide website registrants are located in every state in the U.S. and every province in Canada (Figure 1). Figure 3 lists the states with more than 300 website registrants. California leads the rest of the nation in this count with over 1,000 participants.

Figure 2: Green Guide Website Registrant Growth

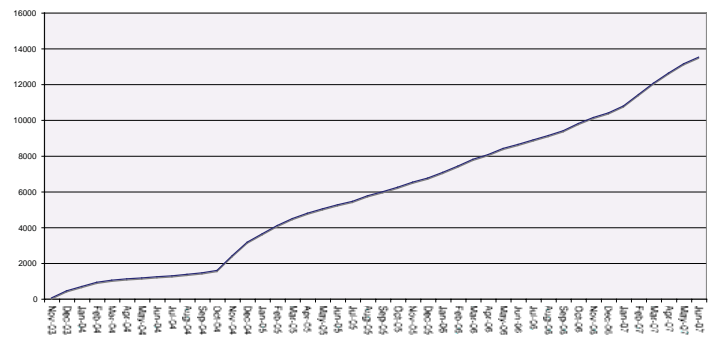
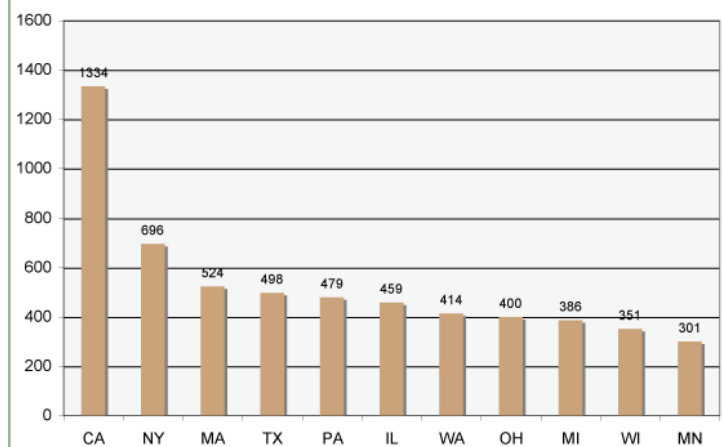
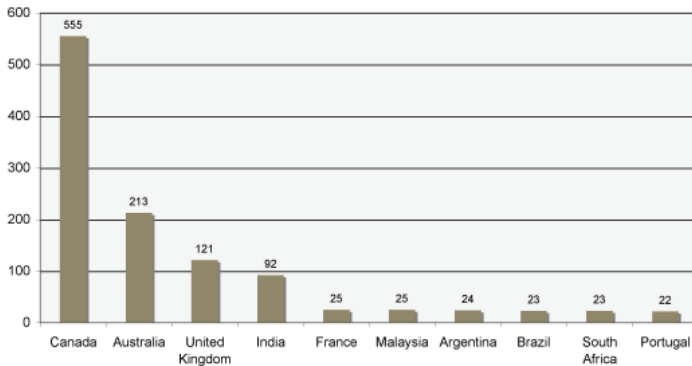


Figure 3: States with More than 300 Website Registrants



The website's international reach has expanded to 100 countries in addition to the United States. Four countries host more than 100 *Green Guide* website registrants: Canada, Australia, United Kingdom, and India. Figure 4 lists the top 10 countries with highest *Green Guide* website registrant representation.

Figure 4: Top Ten Countries with International GGHC Website Registrants



Green Guide Registered Projects - By the Numbers

Green Guide website registrants can register projects at no charge by logging onto www.gghc.org and following the prompts on the Project web page. Project registration is fast and easy and grants up to 14 team members access to *Green Guide* online tools such as checklists and a peer-to-peer Forum open only to *Green Guide* registered project teams.

- 131** Registered projects
- 33** Million square feet of construction
- 34** U.S. States
- 4** Canadian provinces
- 6** Other countries: China, Guatemala, Malaysia, the Philippines, Poland, and Portugal
- 32** Average *Construction* credit pursuit
- 16** Average *Operations* credit pursuit
- 60%** Projects pursuing both *Construction* and *Operations* section

The majority of *Green Guide* projects continue to fall into the Acute Care (60% by number) and New Construction (55% by number) categories (Figures 5 & 6). However, the other facility categories (Medical Office Buildings, Specialty facilities, and Retirement) continue to grow. Additions, Renovations, and combination construction projects (new, addition, and renovations) also continue to use the *Green Guide* and register new projects.

Figure 5: Green Guide Facility Type

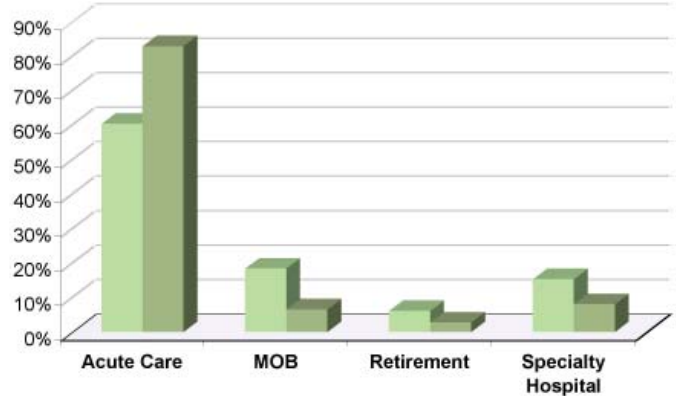


Figure 6: Green Guide Project Type

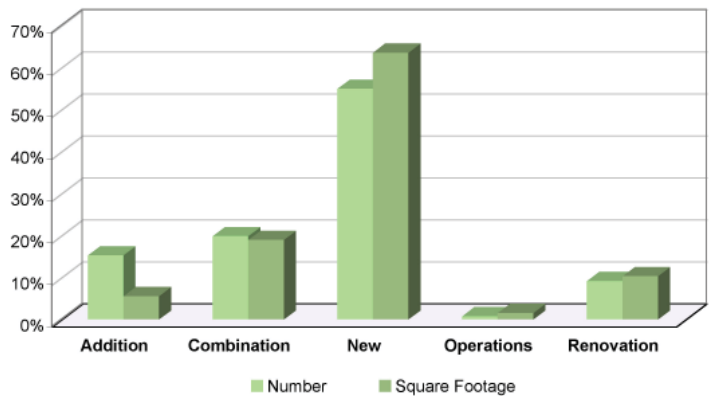


Figure 7: Green Guide Project Growth

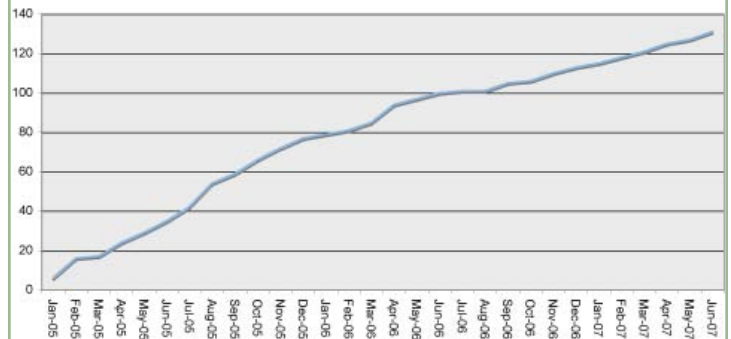


Figure 8: Green Guide Projects: Geographic Distribution



NASA ESIP funded project
(Image Source: Mission to Planet Earth Education Series)

Green Guide Educational Outreach

The first half of 2007 has marked the release of a series of significant *Green Guide* educational projects. All *Green Guide for Health Care* educational materials can be accessed in the “Downloads” folder in the secure areas of the *Green Guide* website (www.gghc.org). To access this portion of the website, click on the “login” link at the top of the *Green Guide* homepage.

LAUNCHED Green Guide for Health Care Version 2.2

In January, *Green Guide for Health Care* Version 2.2 was launched. The third release since its inception in December 2003, Version 2.2 is the most significant revision of the *Construction* section to date, reflecting substantial feedback from *Green Guide* pilot projects, market trends including aligning, as appropriate, with LEED® for New Construction Version 2.2, and steering committee input. *Green Guide* Version 2.2 also incorporates several clarifying changes to the *Operations* section.

Major GGHC Website Update

In March, the *Green Guide* updated the project management tools on the www.gghc.org website to align with the changes incorporated into Version 2.2. These tools have improved site navigation and access to project details for project team members.

Improved Site Navigation

The new website also offers improved access for website registrants wanting to download the *Green Guide* v2.2 or other educational information, accept an invitation to join a registered project team, and learn more about the *Green Guide* best practices toolkit and organization.

Enhanced Online Registered Project Management Tools

Green Guide project registration remains free and voluntary. All projects registered as *Green Guide* Pilots were automatically re-registered as Version 2.2 projects, numbering 131 as of this writing. The new, enhanced website configuration provides all project team members with read-only access to the online checklist and project information. In addition, multiple project administrators can be assigned to a *Green Guide* registered project (previously limited to one). To add a project administrator to a registered project, please email info@gghc.org. At the discretion of the registered project team, project data can be kept confidential.

The new *Green Guide* Version 2.2 checklist allows teams to assign responsibility to specific credits and provides a text box next to each credit to note the strategies employed to comply with credit goals.

All registered project team members continue to have free access to the online Forum, a private peer-to-peer list-serve of health care design professionals and providers. The Forum allows project teams to ask questions about *Green Guide* credits and share solutions with each other in a safe, anonymous environment.

Green Guide for Health Care Version 2.1 Data

The updated *Green Guide for Health Care* website is tailored to align with Version 2.2’s revised *Construction* section. As a result, many components of the website, most notably project checklists and the online Forum, were significantly modified. The superceded *Green Guide* Version 2.1 tools were archived and are available to project team members in a read-only format.

Green Guide for Health Care Technical Briefs

Released in June 2007, the *Green Guide* technical briefs provide in-depth discussions of green building topics of particular interest to the health care industry, and are aligned with GGHC v2.2. The project was generously funded by the Merck Family Fund and New York State Energy Research and Development Authority.

Topics addressed by the 2007 Technical Briefs:

- Brownfield Redevelopment (GGHC v2.2 SSc3)
- Places of Respite (GGHC v2.2 SSc9)
- Sustainable Site Design: Stormwater Mitigation (GGHC v2.2 SSc6)
- Reducing Potable Water Use (GGHC v2.2 WEp1 & c2, WCc2 & c3)
- Mercury Elimination (GGHC v2.2 MRp2 &c4.2)
- Low-Impact Construction Practices (GGHC v2.2 MRc2)
- PBT Elimination (GGHC v2.2 MRc4)
- Furniture & Medical Furnishings (GGHC v2.2 MR c5, EPc5)
- Low-Emitting Materials (GGHC v2.2 EQc4)
- Indoor/Outdoor Chemical & Pollutant Source Control (GGHC v2.2 EQc5)
- Acoustic Environment (GGHC v2.2 EQc9)
- Pharmaceutical Management (GGHC v2.2 CMc3)
- Food Purchasing Policy (GGHC v2.2 EPc1)
- Toxic Reduction through Environmentally Preferable Purchasing: Mercury, DEHP, Latex (GGHC v2.2 EPc4)

Green Guide for Health Care Presentations

The *Green Guide* staff and Steering Committee members presented at several regional and national conferences and educational events during the first half of 2007.

- Feb - CSI Houston 2007 Construction Technology Expo (Prairie View, TX)
- March - North Carolina Healthcare Engineers Association Spring Seminar (Southern Pines, NC)
- May - Hawaii Build and Buy Green Conference (Honolulu, HI)
- Nichols Green Facilities Conference (Grand Rapids, MI)
- June - 2007 Premier Annual Breakthroughs Conference and Exhibition (Orlando, FL)

For more information about scheduling a *Green Guide* presentation or workshop in your region, contact Adele Houghton, *Green Guide for Health Care* Project Manager at adeleh@gghc.org, 512 928 4786.

**GGHC/H2E Green Building Teleconference Series:
First Half of 2007**

The *Green Guide* continues its partnership with Hospitals for a Healthy Environment (H2E) on a monthly Green Building Teleconference Series. For more information about the series and to listen to previous teleconference presentations, visit H2E's website at www.h2e-online.org.

JANUARY 2007

Introduction to the *Green Guide for Health Care*

An overview of fundamental concepts that define a green health care facility, illustrated with specific case studies from *Green Guide* Pilot projects and other green healthcare facilities.

FEBRUARY 2007

Fundamental Strategies for Energy and Water Efficiency

Specific strategies, ranging from conventional energy efficiency measures to cutting edge technologies, that can reduce energy and water use in a health care setting.

MARCH 2007

"How To" Achieve Water Efficiency Credits

A panel discussion of professionals who will recount how they achieved specific Water Efficiency strategies on a project, from schematic design through construction.

APRIL 2007

Connecting Hospitals to Nature

An overview of smart growth planning on and around health care campuses, illustrated with specific case study examples.

MAY

Integrated Design in Construction and Operations

A results-oriented discussion about how to design and implement a successful Integrated Design process for a health care project.

JUNE

"How To" Achieve Energy and Atmosphere Credits

A panel discussion of professionals who will recount how they achieved specific Energy & Atmosphere strategies on a project, from schematic design through construction.

Green Guide in the News:

First Half of 2007

Tove Anderson, Neil Angrisano, Chris Early, "Environmental Sustainability: Collaboration and Marketing Best Practices in the Building Industry," Sustainable Design Forum, January 2007, www.sustainabledesignforum.com.

Bill Gregory, "Healthy and Safe: Green Healthcare Moves from Myth to Reality," Medical Construction and Design, November/December 2006, www.mcdmag.com.

Kevin Hall and Adele Houghton, "AIA Best Practices Resource Review: Green Guide for Health Care," February 2007, www.aia.org.

Adele Houghton, "Building Momentum," Clean Design & Operations, April 2007, www.vendomegrp.com/healthcare.html.

Hilary Hylton, "Gail Vittori," Time magazine "Innovators" column, March 26, 2007, www.time.com.

Lorissa MacAllister, "Sustainability: The Basics," *Clean Design and Operations*, Spring 2007

Joe Maty, "Second Opinions," Journal of Architectural Coatings, March 2007, www.paintsquare.com/jac/jac_home.cfm.

"Meeting the Challenges of 'Building Green,'" Environment of Care News, April 2007, www.jcrinc.com.

Jerry Smith, "Design with Nature," Healthcare Design, February 2007.

Walter Vernon, "Tough Pill for Health Care?," Building Operating Management magazine, March 2007.

Stephen Zacks, "A Healthy Obsession," Metropolis, June 2007, www.metropolismag.com.

June 2007 Green Guide for Health Care Quarterly Update continued

Green Guide Public Registered Projects as of June 2007

Note: The Green Guide only releases the name of projects that have expressed interest in being publicly recognized.

ARIZONA

San Carlos Alternative Rural Health Care Center,
Peridot, AZ

CALIFORNIA

Highland Hospital, Oakland, CA
Kaiser Permanente Modesto Medical Center, Modesto, CA
La Maestra Community Health Center, San Diego, CA
Palomar Pomerado Health, San Diego, CA
Santa Barbara Cottage Hospital, Santa Barbara, CA
Veterans Homes of California, West Los Angeles, CA
Veterans Homes of California, Ventura, CA
Washington Hospital, Fremont, CA

COLORADO

Denver Health Medical Center, Denver, CO
Longmont United Hospital, Longmont, CO
Grand River Medical Center, Rifle CO

IDAHO

Boise Medical Center, Boise, ID
Saint Luke's Magic Valley Regional Medical Center,
Twin Falls, ID

ILLINOIS

Rush University Medical Campus, Chicago, IL

IOWA

Jefferson County Hospital, Fairfield, IA

INDIANA

Indianapolis Community Hospital South, Indianapolis, IN
Saint Joseph's Regional Medical Center, South Bend, IN

MAINE

Orthopaedic Associates, Windham, ME

MASSACHUSETTS

Beverly Hospital, Beverly, MA
Brigham and Women's Hospital, Boston, MA
Children's Hospital, Boston, MA
Dana-Farber Center for Cancer Care, Boston, MA
Spaulding Rehabilitation Hospital, Boston, MA

MICHIGAN

Metropolitan Hospital, Grand Rapids, MI

NEW JERSEY

Hackensack University Medical Center Gabrellian
Women's and Children's Pavilion, Hackensack, NJ
Holy Name Hospital, Teaneck, NJ

NEW YORK

New York Presbyterian Hospital, New York, NY
Risk Reduction Institute of Brooklyn, Brooklyn, NY

OHIO

The Christ Hospital, Cincinnati, OH
Salem Community Hospital, Salem, OH

OKLAHOMA

Saint John Owasso Hospital, Owasso, OK

OREGON

Donald Dexter Dental Clinic, Eugene, OR
Oregon Health & Science University Patient Care Facility,
Portland, OR
Salem Hospital, Salem, OR
Wellspring Medical Center, Woodburn, OR

TENNESSEE

Bon Aqua Health Care, Bon Aqua, TN

TEXAS

Christus St. Catherine Hospital, Katy, TX
Dell Children's Medical Center of Central Texas, Austin, TX

WASHINGTON

Saint Anthony's Hospital, Gig Harbor, WA

WISCONSIN

Amery Regional Medical Center, Amery, WI

VARIOUS LOCATIONS

US Department of Health and Human Services Critical Ac-
cess Hospital Prototype (200 nationwide)

INTERNATIONAL

BHCI Birthing Home, Zamboanga City, the Philippines
Casa de Saude, Portugal (various locations)
CSSS de la Montagne, Montréal, Quebec, Canada
McGill University Health Centre, Montréal,
Quebec, Canada